REVIEWERS AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 925-2686
REPORT OF WELL ABANDONMENT

Santa Maria, California
June 3, 1976

Mr. C. D. Howald Agent
Burmah Oil and Gas Company
P. O. Box 191
Huntington Beach, CA 92648

DEAR SIR:

Your report of abandonment of Well No. "Signal-Guidetti" 1 (079-00743)
Sec. 36, T. 31 S., R. 12 E., M.D. B. & M., Arroyo Grande field,
San Luis Obispo County, dated 11-17-75, received 5-28-76,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
which are based on all information filed with it, have been fulfilled.

mjn
cc: Conservation Committee

Harold W. Bertholf
John F. Matthews, Jr.
State Oil and Gas Supervisor

By
Deputy Supervisor

OG159 (4-74-CSR1-5M)
DIVISION OF OIL AND GAS
CHECK LIST - RECORDS RECEIVED AND WELL ...ATUS

Company Burmah Oil and Gas Company       Well No. "Signal-Guidetti" 1
API No.   (079-00743)       Sec.   36 , T.  31S , R.  12E ,  M.D.  B&M.
County   San Luis Obispo       Field    Arroyo Grande

<table>
<thead>
<tr>
<th>RECORDS RECEIVED</th>
<th>DATE</th>
<th>STATUS</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Summary (Form OGL000)</td>
<td>5-28-76</td>
<td>Producing - Oil</td>
<td>Water Disposal</td>
</tr>
<tr>
<td>History (Form OGL03)</td>
<td>5-28-76</td>
<td>Idle - Oil</td>
<td>Water Flood</td>
</tr>
<tr>
<td>Core Record (Form OGL01)</td>
<td></td>
<td>Abandoned - Oil</td>
<td>Steam Flood</td>
</tr>
<tr>
<td>Directional Survey</td>
<td></td>
<td>Drilling - Idle</td>
<td>Fire Flood</td>
</tr>
<tr>
<td>Sidewall Samples</td>
<td></td>
<td>Abandoned - Dry Hole</td>
<td>Air Injection</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>Producing - Gas</td>
<td>Gas Injection</td>
</tr>
<tr>
<td>Date final records received</td>
<td></td>
<td>Idle - Gas</td>
<td>CO2 Injection</td>
</tr>
<tr>
<td>Electric logs:</td>
<td></td>
<td>Abandoned - Gas</td>
<td>LPG Injection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gas-Open to Oil Zone</td>
<td>Observation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water Flood Source</td>
<td></td>
</tr>
</tbody>
</table>

DATE
RECOMPLETED
REMARKS

ENGINEER'S CHECK LIST

1. Summary, History, & 
   Core record (dupl.)
2. Electric Log
3. Operator's Name
4. Signature
5. Well Designation
6. Location
7. Elevation
8. Notices
9. "T" Reports
10. Casing Record
11. Plugs
12. Surface Inspection
13. Production

CLERICAL CHECK LIST

1. Location change (F-OGL165)
2. Elevation change (F-OGL165)
3. Form OGD121
4. Form OGL59 (Final Letter) 6-3-76
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)

OGD2 (2-75-GSR1-4M)

RECORDS APPROVED 6/2/76 ATB

RELEASE BOND
Date Eligible
(Use date last needed records were received.)

MAP AND MAP BOOK 230 ATB
6/5/76

LONG BEACH OFFICE - USE REVERSE SIDE
**Signal-Guidetti** No. 1

**Location:** Arroyo Grande

**Elevation:** 486 feet above sea level

**Measuring Point:** 489 feet above s.l.

**Commenced Abandonment:** 10/07/75

**Completed Abandonment:** 10/14/75

**Total Depth:** 1224'

**Plugged Depth:** 398' - 0'

**Probing Method:** None

**Average Oil Production:**

<table>
<thead>
<tr>
<th>Clean Oil</th>
<th>Gravity</th>
<th>Per Cent Water</th>
<th>Gas</th>
<th>Tubing</th>
<th>Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bbls. per Day</td>
<td>Clean Oil incl. diulsion</td>
<td>MCF per Day</td>
<td>Pressure</td>
<td>Pressure</td>
<td></td>
</tr>
</tbody>
</table>

**Plugged and Abandoned Casing Record (Present Hole):**

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of Casing</th>
<th>Size of Hole casing landed in</th>
<th>No. of Sacks of cement</th>
<th>Depth of cementing if through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-5/8''</td>
<td>297'</td>
<td>Surface</td>
<td>24# S.H.</td>
<td>Smls J-55</td>
<td>11-3/4''</td>
<td>140</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7''</td>
<td>397'</td>
<td>280'</td>
<td>23# New</td>
<td>Smls J-55</td>
<td>9-1/2''</td>
<td>Landed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforations:**

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
</tr>
</thead>
</table>

**Electric Log Depths:** 100' - 1224'

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done therein, so far as can be determined from all available records.

11/17/75

G. R. Van Dyke

Project Engineer
ABANDONMENT

10/07 Moved in Alco Engineering equipment.

10/08 Tagged bottom at 398' with 3-1/2" tubing. No fill. Tag witnessed by Mr. Pat Kinnear of the Division of Oil and Gas. Mixed 2-1/2 yards of slump slurry and started down 3-1/2" tubing; could not displace. Backed off 3 joints of 3-1/2" tubing. Cement kept falling away.

10/09 Tagged cement at 12'3" from flange. Mixed and dumped 4 yards of slump slurry from surface. Cementing of well from 398' to surface, approved by Mr. Pat Kinnear of the Division of Oil and Gas. Cut casing 6' below surface and welded 1/2" steel plate.

10/14 Cleaned location and restored surface to original condition to the satisfaction of the landowner.
DEAR SIR:

Operations at well No. "Siganl-Guidetti" 1, API No. 079-00743, Sec. 36, T. 31 S., R. 12 E., M.D. "B & M Arroyo Grande" Field, in San Luis Obispo County, were witnessed on 10-10-75. Mr. F. J. Kinnear, representative of the supervisor was present from 1030 to 1130. There were also present Al Waddle, drilling foreman and John Barnett, production foreman.

Present condition of well: 8 1/8" cem. 297' WSD; 7" Id. 280-397', perf. 283-397'.
T.D. 1224'. Effective depth 400'. Plugged with cem. 400'-0.'

The operations were performed for the purpose of witnessing the placement of the plug in the process of abandonment.

DECISION: THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

Surface Inspection
10/30/75 OK Build.

PJK:mjn

Harold W. Bertholf
State Oil and Gas Supervisor

By:  

Deputy
Cementing/Plugging Memo

Operator: Burma Oil & Gas Co
Well No.: "Signal-Guide" 1
Field: Santa Maria Field, County San Luis Obispo
On 10/18/75
Mr. P.T. Hume, representative of the supervisor was present from 7:30 to 11:30 AM.
There were also present P.W. summaries of RF.
Casing record of well: 8 5/8" (cm. 227.50); 7 1/2 Id 280'-397'; 285'-397'; TD 1224'. Effort depth: 600'. Plugged off 400'-0

The operations were performed for the purpose of witnessing the placement of the plug in the process of abandonment.

☐ The plugging/cementing operations as witnessed and reported are approved.

☐ The location and hardness of the cement plug is approved.

Hole size: __" fr. ___" to ___, ___" to ___ & ___" to ___

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8&quot;</td>
<td>24</td>
<td>Surf</td>
<td>297'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>23</td>
<td>Surf</td>
<td>397'</td>
<td>Laid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Casing/tubing recovered: 2 3/8" shot/cut at ___, ___, ___, pulled fr. 890';
Junk (in hole): 9 4/3 - 3" Tubing 90 - 390'

Hole fluid (bailed to) at ___. Witnessed by

<table>
<thead>
<tr>
<th>Mudding</th>
<th>Date</th>
<th>Bbls.</th>
<th>Displaced</th>
<th>Poured</th>
<th>Fill</th>
<th>Engr.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cement Plugs</th>
<th>Placing</th>
<th>Placing Witnessed</th>
<th>Top Witnessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Sx./cf</td>
<td>MO &amp; Depth</td>
<td>Time</td>
</tr>
<tr>
<td>10/17/75</td>
<td>60</td>
<td>50</td>
<td>394'</td>
</tr>
<tr>
<td>10/19/75</td>
<td>84</td>
<td>Surf</td>
<td>1330</td>
</tr>
<tr>
<td>10/10/75</td>
<td>94</td>
<td>Surf</td>
<td>1100</td>
</tr>
</tbody>
</table>
Mr. C. D. Howald, Agent
Sarah Oil and Gas Company
P. O. Box 191
Huntington Beach, CA 92648

Santa Maria, Calif.
October 7, 1975

Dear Sir:

Your proposal to abandon Well No. "Signal-Guidetti" (079-00743), Section 36, T. 31 S., R. 12 E., M.D., B. & M., Arroyo Grande Field, San Luis Obispo County, dated 10-1-75, received 10-6-75, has been examined in conjunction with records filed in this office.

DEcision: THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS the placing of the cement plug from 400' to surface.

J. Z. mjr.

Harold W. Bertholf
State Oil and Gas Supervisor

By: John Zeecheck, Deputy
DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Signal-Guidetti No. 1, API No. 363-333, Sec. 36, T. 31 S, R. 12 E, M.D.B. & M., Arroyo Grande Field, San Luis Obispo County, commencing work on October 1975.

The present condition of the well is:

1. Total depth: 1224'; PBTD 400'
2. Complete casing record, including plugs and perforations:
   - 13-3/8" conductor set at 25' and cemented to surface.
   - 8-5/8", 24#, set at 297' and cemented to surface.
   - 7", 23# Liner landed 280' to 397' Perfs. 283' to 397' with 100M x 2" slots.
3. Last produced 10/14/63 0 0 336
   - (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)
4. Last injected
   - (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

The proposed work is as follows:

1. Pull tubing.
2. Set cement plugs in two stages: (1) 400' - 200'; and (2) 200' to surface.
3. Cut off wellhead, weld 1/2" steel plate on stub.

Additional data for dry hole (show depths)

5. Oil or gas shows
   - Tar Sands 295' - 445'

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 180'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address: P. O. Box 191
Huntington Beach, Calif. 92648
Telephone Number: (714) 536-6521

BURMAH OIL AND GAS COMPANY

By C. D. Howard

Type of Organization Corporation

Date: 10/01/75

(Signature of Operator)

(Corporation, Partnership, Individual, etc.)
April 14, 1975

C.D. Howald
Burmah Oil and Gas Company
P.O. Box 191
Huntington Beach, CA 92648

Wall No. "Signal-Quidetti" 1
Sec. 36, T. 31 S., R. 12 E.,
M.D.B. 3445
Arroyo Grande field

We have been reviewing the records of uncompleted, idle wells still covered by drilling bond, and note that the above-captioned well was drilled in 1963 to a depth of 1224' and shut-in on September 25, 1963, after an unsatisfactory production test of a shallow zone below 297'.

Will you please inform me whether or not you still have a valid lease on this property, and as to your future plans to either abandon or recomplete this well.

John L. Zulberti
Deputy Supervisor

JLZ:k
Signal Oil and Gas Co.
"Signal-Guidetti" 1
Sec. T. & R.
Loc. & Elev.
- History - Summary
- Core Record - E. Log
- Blanket bond
- Producing

Completed producing Sept. 25, 1963

Produced only water

<table>
<thead>
<tr>
<th>Map</th>
<th>Map No.</th>
<th>Bond Letter</th>
<th>Bond No.</th>
<th>Forms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>115</td>
<td>114</td>
</tr>
</tbody>
</table>

RT 4-12-75 WY
Signal Oil and Gas Company

WELL SUMMARY REPORT

Well No. Signal-Guidetti No. 1 Sec. 36, T. 31 S., R. 12 E., M. D. B. & M.

Field Arroyo Grande Elevation of ground 486 feet. Kelly bushing 489 feet.

Location 3522' N. and 491' W. from the SE corner lot 59, Rancho Corral De Piedra

Date December 31, 1963

Signed J. J. LeeBurg

Title DIVISION DRILLING ENGINEER

<table>
<thead>
<tr>
<th>Total depth</th>
<th>1224'</th>
<th>Plugged depth</th>
<th>400'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junk</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Commenced drilling Sept. 18, 1963
Completed drilling Sept. 20, 1963
Commenced producing Sept. 25, 1963

Initial production
- - 100 - -

Production after 10 days
- - 100 - -

Casing Record (Present Hole)

<table>
<thead>
<tr>
<th>Size of Casing (A. P. I.)</th>
<th>Depth of Shoe</th>
<th>Top of Casing</th>
<th>Weight of Casing</th>
<th>New or Second Hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of Casing</th>
<th>Site of Hole Casing Landed In</th>
<th>Number of Sacks of Cement</th>
<th>Depth of Cementing if through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8&quot;</td>
<td>297'</td>
<td>Surface</td>
<td>24#</td>
<td>S. H.</td>
<td>Smls.</td>
<td>J-55</td>
<td>11 3/4&quot;</td>
<td>140</td>
<td>-</td>
</tr>
<tr>
<td>7&quot;</td>
<td>397'</td>
<td>280'</td>
<td>23#</td>
<td>New</td>
<td>Smls.</td>
<td>J-55</td>
<td>9 1/2&quot;</td>
<td>Landed</td>
<td></td>
</tr>
</tbody>
</table>

Perforations

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
<th>Number of Rows</th>
<th>Distance Between Centers</th>
<th>Method of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>283'</td>
<td>397'</td>
<td>100 M x 2&quot; slots</td>
<td>20</td>
<td>6&quot;</td>
<td>Machine Cut</td>
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</table>

Electrical Log Depths 100'-1224'
<table>
<thead>
<tr>
<th>CORE NO.</th>
<th>FROM</th>
<th>TO</th>
<th>THICK.</th>
<th>TOTAL REC.</th>
<th>SHALE</th>
<th>OIL SAND</th>
<th>GRAY SAND</th>
<th>MISC.</th>
<th>DESCRIPTION</th>
<th>DIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1148’</td>
<td>X</td>
<td>GRAY SAND: Brownish-gray, soft, very fine grained, slightly silty, massive, no odor, cut or stain.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1139’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1135’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1077’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1065’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1009’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>7</td>
<td>928’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>8</td>
<td>402’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>376’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>274’</td>
<td></td>
<td>No recovery. Left in hole.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>11</td>
<td>829’</td>
<td>X</td>
<td>GRAY SAND: Dark gray, soft, very fine grained, slightly silty, massive, no odor, cut or stain.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>12</td>
<td>809’</td>
<td>X</td>
<td>GRAY SAND: Same as #11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>771’</td>
<td>X</td>
<td>GRAY SAND: Same as #11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>765’</td>
<td>X</td>
<td>GRAY SAND: Same as #11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>755’</td>
<td>X</td>
<td>GRAY SAND: Same as #11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CORE NO.</td>
<td>FROM</td>
<td>TO</td>
<td>THICKNESS</td>
<td>TOTAL REC.</td>
<td>SHALE</td>
<td>OIL SAND</td>
<td>GRAY SAND</td>
<td>MISC.</td>
<td>DESCRIPTION</td>
<td></td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>16</td>
<td>735'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>727'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>GRAY SAND: Same as #11</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>717'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>704'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>GRAY SAND: Light gray, otherwise same as #11</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>701'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>694'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>GRAY SAND: Same as #19</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>687'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>GRAY SAND: Same as #19</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>676'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>GRAY SAND: Same as #19</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>664'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>438'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>OIL SAND: Brown, soft, very fine grained, slightly silty, massive, poor saturation, appears wet, faint odor.</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>390'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>OIL SAND: Dark brown, soft, very fine grained, slightly silty, massive, micaceous, heavy even saturation, black cut.</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>364'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>329'</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>OIL SAND: Same as #26</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>305'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No recovery.</td>
<td></td>
</tr>
</tbody>
</table>
SIGNAL OIL AND GAS COMPANY
History of Oil or Gas Well

WELL NO. Signal-Guidetti #1 SEC. 36 T. 31 S. R. 12 E. M. D. W. & M. 

FIELD Arroyo Grande 

DATE December 31, 1963 

NOTE: All depths are from the Kelly Bushing which is 3' above the ground. Hylton Drilling Company rotary equipment was used.


9/18 Spudded in at 12:30 p.m. with gel mud. Drilled 7 5/8" hole to 845'.

9/19 Ran P.G.A.C. induction-electric log 100'-845'. Ran sidewall sampler (see core description). Drilled 7 5/8" hole to 1224'.

9/20 Total Depth: 1224'
Ran P.G.A.C. induction-electric log 845'-1224'. Ran sidewall sampler (see core description). Plugged hole with 50 sacks of Class "A" cement and one sack of Calcium Chloride pumped through open end drill pipe hanging at 500'. Displaced with 12 cu. ft. of water. Halliburton Cementing Company was used. Found top at 469' after 4 hours.

9/21 Plugged hole with 50 sacks of Class "A" cement and one sack of Calcium Chloride pumped through open end drill pipe hanging at 465'. Displaced with 12 cu. ft. of water. Halliburton Cementing Company equipment was used. Found top at 305' after 4 hours. Opened 7 5/8' hole to 11 3/4" from 0'-300'.

9/22 8 5/8", 24#, J-55, seamless, 8-R thread, new casing equipped with a Baker guide shoe was cemented at 297' with 140 sacks of Class "A" cement with 40% silica flour and 2% Calcium Chloride. Used top cementing plug. Displaced with 102 cu. ft. of water. Had cement returns at surface. Halliburton Cementing Company equipment was used. Landed casing. Drilled out cement and shoe 282'-297', and cleaned out to 305'.

9/23 Bailed hole empty to 305'. Let stand 4 hours. Ran bailer and recovered 15" of water in bailer. W.S.O. was witnessed and approved by E. R. Wilkinson for the Division of Oil and Gas. Polished off cement plug with 7 5/8" bit from 305'-400'.

Changed over to crude oil. Opened 7 5/8' hole to 9 1/2" from 297'-398'. 7", 23#, J-55, seamless, 8-R thread, perforated liner equipped with a Burns plain type liner hanger and bullnosed on bottom was landed at 397'. Top at 280'. Perforations: 100 M x 2", 20 rows, 6" centers.

9/24 Bailed fluid down to top of liner. Landed 3" tubing at 360'. Moved out drilling equipment.

9/25 Moved in production well pulling unit. Ran pump and rods. Put well on production.

Well pumped 100% water for 10 days and was shut in.
Mr. John J LeBouff
P.O. Box 17126 P.O. Box
Los Angeles 17 Calif.

Agent for:
SIGNAL OIL AND GAS COMPANY

Santa Maria Calif.
September 25, 1963

DEAR SIR:

Your well No. "Signal-Guidetti" 1, Sec. 36, T. 318 R. 12E, M.D., B & M. Arroyo Grande Field, in San Luis Obispo County, was tested for water shut-off on Sept. 22, 1963.

Mr. E. R. Wilkinson, designated by the supervisor, was present from 12:05 P.M. to 1:00 P.M. as prescribed by law; there were also present Mr. R. E. Wheeler, engineer, and Mr. J. Green, drilling foreman.

Shut-off data: 8 5/8 in. 24 lb. casing was cemented at 297 ft. on Sept. 22, 1963 in an 11 3/4 in. hole with 140 sacks of cement premixed with 40% silice flour calculated to fill behind casing to the mudline surface.


Present depth 1224 ft. Cmt. bridge ft. to ft. Cleaned out cmt. 282 ft. to 305 ft.
Hole cleaned out to 305 ft. for this test.

Mr. Wheeler reported:

1. A 11 3/4" hole was drilled from the surface to 300' and a 7 5/8" to 1224'.
2. On September 20, 1963, 100 sacks of cement was pumped into the hole through 3 1/2" drill pipe hanging at 300'.
3. The top of the set cement was located at 303'
4. On September 22, 1963, 8 5/8", 24 lb casing was cemented at 297' as noted above.
5. Cement returned to the surface.
6. The hole was cleaned out to 305'.
7. The fluid in the hole was bailed down to 305' and allowed to stand four hours for a test of water shut-off.

THE ENGINEER NOTED THE FOLLOWING:

1. The top of fluid was located at 290' indicating 15' of fluid entry, or 1 barrel of fluid in 4 hours.

THE 8 5/8" SHUT-OFF AT 297' IS APPROVED.
REPORT OF CORRECTION OR CANCELLATION

In accordance with your request, dated September 19, 1963,

the following change pertaining to your well No. "Signal-Guidetti" I, Sec. 36, T. 31 S., R. 12 E., McDe. B. & M., Arroyo Grande field, San Luis Obispo County, District No. 3, is being made in our records:

☐ The corrected location is 3522.12' N., 490.93' W. from Monument S-406.

☐ The corrected elevation is.

☐ Report No. P-363-333, dated September 18, 1963, has been corrected as follows: Location of Well: 3522.12' N., 490.93' W. from Monument S-406.

☐ Your notice to (Drill, abandon, etc.) dated, and our report No. P , issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other:

100
103
111 223.83
114
115
121

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By Curtis L. Banters
Deputy Supervisor
Division of Oil and Gas
301 W. Church Street
Santa Maria, California

Attention Mr. E. D. Lawrence

Gentlemen:

The surveyed location on our well "Signal-Guidetti" No. 1, Arroyo Grande Field, is as follows: 3522.12' North and 490.93' West from Monument S-406.

If we can be of further assistance, please let us know.

Very truly yours,

SIGNAL OIL AND GAS COMPANY

J. J. LaBouff

JIL:pp

DIVISION OF OIL AND GAS
RECEIVED
SEP 23 1963
SANTA MARIA, CALIFORNIA
Mr. John J. LaRouff
P.O. Box 17126, Los Angeles, Calif.

Agent for SIGNAL OIL AND GAS CO

Santa Maria, Calif.
September 18, 1963

Dear Sir:

Your proposal to drill Well No. "Signal-Guidetti" 1., Section 36, T. 31 S., R. 12 E., M.D. B. & M., Arroyo Grande Field, San Luis Obispo County, dated Sept. 13, 1963, has been examined in conjunction with records filed in this office. Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral-right lease, consisting of 1112+ acres, is as follows:
Lots 57, 58 and 59 of Rancho Corral de Piedra, San Luis Obispo County.
Do mineral and surface leases coincide? Yes X."

Location of Wells: 420 feet South along property line and 150 feet West at right angles to said line from the Northeast corner of Lot 59, Rancho Corral de Piedra. Elevation of ground above sea level 150+ feet datum.

All depth measurements taken from top of Kelly Bushing which is 1+ feet above ground."

PROPOSAL:

*PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>Size of Casing, A.P.I.</th>
<th>Weight</th>
<th>Grade and Type</th>
<th>Top</th>
<th>Bottom</th>
<th>Cementing Depths</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 3/8&quot;</td>
<td>54/5#</td>
<td>J-55, Smls.</td>
<td>0</td>
<td>401</td>
<td>401</td>
</tr>
<tr>
<td>8 5/8&quot;</td>
<td>28#</td>
<td>H-40, Smls.</td>
<td>0</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23#</td>
<td>J-55, Smls.</td>
<td>300</td>
<td>600</td>
<td>Landed</td>
</tr>
</tbody>
</table>

Intended zone of completion = 400'-600'. Estimated total depth 600'.

It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:
1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained to the surface at all times, particularly while pulling the drill pipe.
2. Sufficient cement shall be pumped back of the 8 5/8" casing to fill to the surface.
3. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
4. THIS DIVISION SHALL BE NOTIFIED TO WITNESS a test of the 8 5/8" water shut-off.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By: [Signature] Deputy
DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well
This notice and surety bond must be filed before drilling begins

Huntington Beach, Calif. September 12, 1963

SANTA MARIA, CALIFORNIA

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. Signal-Guidetti No. 1, Sec. 36, T. 31 S., R. 12 E., M. D. B. & M., Arroyo Grande Field, San Luis Obispo County.

Legal description of mineral-right lease, consisting of 1112+ acres, is as follows: Lots 57, 58 and 59

(Rancho Corral de Piedra, San Luis Obispo County)

Do mineral and surface leases coincide? Yes: X No. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 420 feet South along section line and 450 feet West (Direction) at right angles to said line from the Northeast corner of Lot 59, Rancho Corral de Piedra

3700 N. 300 W. 120 N. 190 E. (or PG 1216)

Elevation of ground above sea level: 450+ feet datum

All depth measurements taken from top of Kelly Bushing which is 3+ feet above ground.

(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>SIZE OF CASING</th>
<th>WEIGHT</th>
<th>GRADE AND TYPE</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>CEMENTING DEPTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 3/8&quot;</td>
<td>54.5#</td>
<td>J-55, Smls.</td>
<td>0</td>
<td>40'</td>
<td>40'</td>
</tr>
<tr>
<td>8 5/8&quot;</td>
<td>28#</td>
<td>H-40, Smls.</td>
<td>0</td>
<td>400'</td>
<td>400'</td>
</tr>
<tr>
<td>7&quot;</td>
<td>23#</td>
<td>J-55, Smls.</td>
<td>300'</td>
<td>600'</td>
<td>Landed</td>
</tr>
</tbody>
</table>

Intended zone(s) of completion: 400'-600' Estimated total depth 600'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address: P. O. Box 191

Huntington Beach, California

Telephone Number: GE 1-6541

SIGNAL OIL AND GAS COMPANY

(Name of Operator)

By: J. J. LoBue

Type of Organization: Corporation