

**DRAFT DRILLING PROGRAM
E&B NATURAL RESOURCES**

API#

PERMIT #

"WNF- I #30"

~~Poso Creek Field~~

07/29/11

Wilmington Water Source

Proposed Casing Program

13 3/8" 54.5# to be cmt'd at 600'

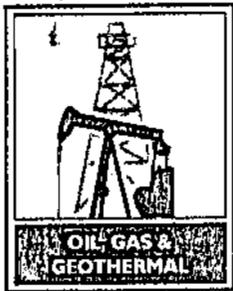
9 5/8" 36# to be cmt'd at 3040'

7" 23# to be set at 3260'

Program

- 1. MIRU Drilling Rig.**
- 2. Drill 14 3/4" hole to 600'. Survey as directed by directional company.**
- 3. Run 13 3/8" 54.5# J55 to 600', fitted with guide shoe and centralizers on the 1st, 2nd, and 3rd joints. Cement casing to surface w/ Class G mixed 1:1 with peralites, 2% gel, 2% CaCl.**
- 4. Land casing, install wellhead and NU BOPE. DOGGR to witness BOPE test.**
- 5. RIH w/ 12 1/4" bit and and drill out to 600'.**
- 6. Trip for 12 1/4" Directional BHA and drill to 3040' (casing point).**
- 7. Reduce hole size to 8 1/2" and drill to 3260' TD**
- 8. Run electric logs per E&B geologist.**
- 9. PU and Run 9 5/8" 36# casing to 3040'. Centralizers on 1st, 2nd, 4th and 6th. Cmt casing w/ class G mixed 1:1 perlite, 2% gel and 2% CaCl, cmt to surface.**
- 10. PU 8 1/2" BHA and clean out to 3260' TD.**
- 11. Dump and clean pits, change over to clean Polymer completion fluid.**
- 12. Underream hole to 12 1/4" from casing shoe to TD.**
- 13. Run 7" liner to TD as directed.**
- 14. Gravel pack liner in place. Release from liner.**
- 15. Turn hole over to lease water.**
- 16. RDMO.**

REC'D AUG 05 2011



DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS & GEOTHERMAL RESOURCES
5816 Corporate Ave., Suite 200 Cypress, CA 90630-4731
Phone:(714) 816-6847 Fax:(714) 816-6853

Cypress, California
July 29, 2011

Mr Jeffrey Blesener
E & B Natural Resources Management Corporation (E0100)
1600 Norris Rd.
Bakersfield, CA 93308

This Division has received your Notice of Intention to Drill dated July 11, 2011, for "Wnf-I" 30, API. 037-27254, Wilmington field, Sec. 19, T. 04S, R. 13W, SB B&M, Los Angeles County.

The drilling permit cannot be processed until the Division receives a complete drilling program including a directional program. The Notice does not list bottom hole coordinates for the Tar Sands completion. Please include a lease plat with the bottom hole location indicate on the plat

If you have any questions, please call Anneliese Anderle at 714-816-6886.

Elena M. Miller
State Oil and Gas Supervisor

cc: Well file

By 
M. Ali Khan
Acting District Deputy

AA:aa

OG113



NATURAL RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REC'D JUL 20 2011
111-0464

FOR DIVISION USE ONLY			
Bond	Forms		7/18/11 KK
	OGD114	OGD121	
BB	7/23/11	7/21/11	

NOTICE OF INTENTION TO DRILL NEW WELL

Detailed instructions can be found at: www.conservation.ca.gov/dog/

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to drill well (WNE) #80, well type Water Source, API No. 330-037-27254 (Assigned by Division)
Sec. 19, T. 4S, R. 13W, S.B. B.&M., Wilmington Field, Los Angeles County.

Legal description of mineral-right lease, consisting of _____ acres (attach map or plat to scale), is as follows:

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

Location of well 335' feet North along section / property line and 406' feet West
(Direction) (Check one) (Direction)

at right angles to said line from the Southeast corner of section / property 19,4S,13W,SB and
(Check one)

Lat./Long. in decimal degrees, to six decimal places, NAD 83 format: Latitude: 33.805013 Longitude: 118.275221

If well is to be directionally drilled, show proposed coordinates (from surface location) and true vertical depth at total depth:

_____ feet _____ and _____ feet _____. Estimated true vertical depth _____. Elevation of ground above sea level 38' feet. All depth measurements taken from top of KB that is 12' feet above ground.
(Derrick Floor, Rotary Table, or Kelly Bushing)

Is this a critical well as defined in the California Code of Regulations, Title 14, Section 1720(a) (see next page)? Yes No

Is a California Environmental Quality Act (CEQA) document required by a local agency? Yes No If yes, see next page.

PROPOSED CASING PROGRAM

SIZE OF CASING (Inches API)	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	FORMATION PRESSURE (Estimated Maximum)	CALCULATED FILL BEHIND CASING (Linear Feet)
13 3/8"	54.5#	J55	0'	600'	600'		600'
9 5/8"	36#	J55	0'	3040'	3040'	1000	3040'
7"	23#	J55	2950'	3260'	Hung	1000	

(Attach a complete drilling program including wellbore schematics in addition to the above casing program.)

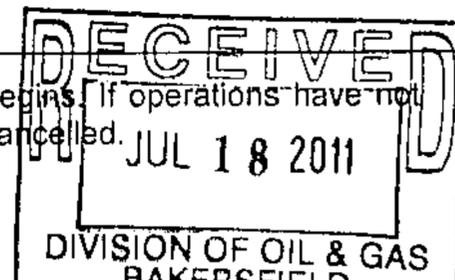
Estimated depth of base of fresh water: +/-1850' Anticipated geological markers: Top of Tar Sand, 3040'
(Name, depth)

Intended zone(s) of completion: Tar Sands, 3040', 1000 PSI Estimated total depth: 3260'
(Name, depth and expected pressure)

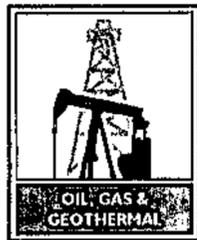
The Division must be notified immediately of changes to the proposed operations. Failure to provide a true and accurate representation of the well and proposed operations may cause rescission of the permit.

Name of Operator E&B Natural Resources Management Corp.		
Address 1600 Norris Rd.	City/State Bakersfield, CA	Zip Code 93308
Name of Person Filing Notice Joseph Ahlgrim	Telephone Number: (661) 679-1700	Signature
Individual to contact for technical questions: Joseph Ahlgrim	Telephone Number: (661) 679-1700	Date 7/11/11
	E-Mail Address: jahlgrim@ebresources.com	

This notice and an indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of the Division's receipt of the notice, this notice will be considered cancelled.



REC'D JUL 20 2011



NATURAL RESOURCES AGENCY OF CALIFORNIA
 DEPARTMENT OF CONSERVATION
 DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

FOR DIVISION USE ONLY			
Bond	Forms		
	OGD114	OGD121	

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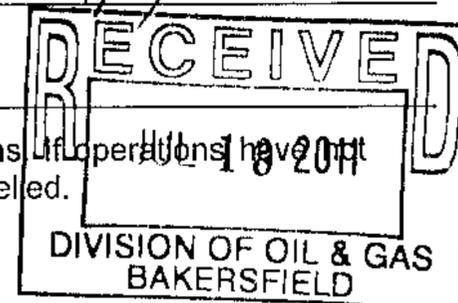
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Name of Person Filing Notice Joseph Ahlgrim	Telephone Number: (661) 679-1700	Signature <i>[Signature]</i>
Individual to contact for technical questions: Joseph Ahlgrim	Telephone Number: (661) 679-1700	Date 7/11/11
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XY:
Feet

1755400

1750400

1755400

1750400

6478300

6483300

6478300

6483300

Sec19 T4s R13W

Sec20 T4s R13W

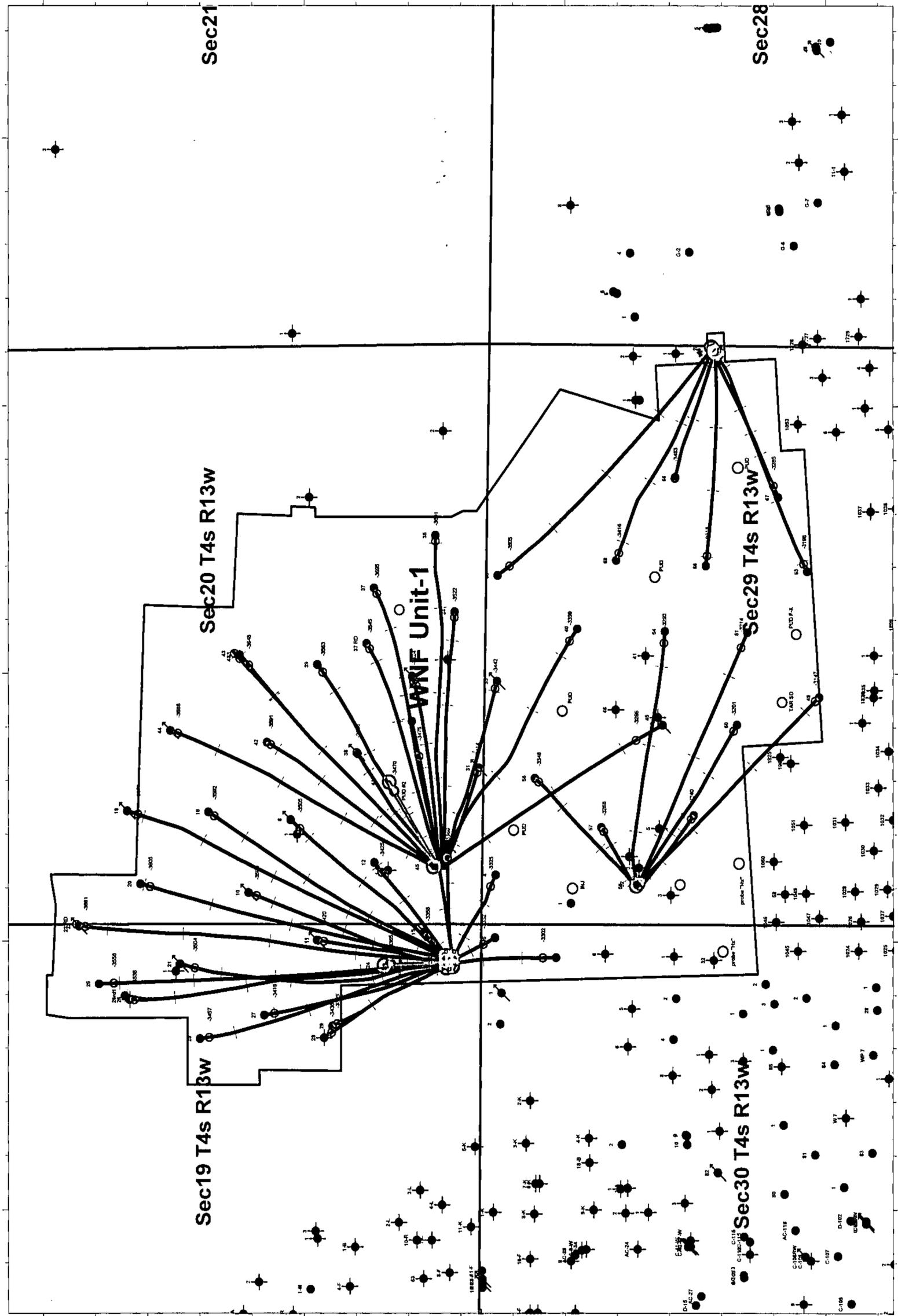
Sec30 T4s R13W

Sec29 T4s R13W

Sec21

Sec28

WNF Unit-1



REC'D AUG 05 2011