

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834  
SUBMIT IN DUPLICATE

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input checked="" type="checkbox"/> Class I Waste Disposal Well	7. UNIT AGREEMENT NAME WDW-2
1b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF-GENVR <input type="checkbox"/> Other <input checked="" type="checkbox"/> Reentry	8. FARM OR LEASE NAME, WELL NO. WDW-2
2. NAME OF OPERATOR Navajo Refining Company	9. API WELL NO. 30-015-20894
3. ADDRESS AND TELEPHONE NO. Post Office Box 159, Artesia, New Mexico 88211	10. FIELD AND POOL OR WILDCAT Navajo Perm - Penn Wolfcamp-Cisco Canyon 969/8
4. LOCATION OF WELL At surface 1980' FNL and 660' FWL Unit Letter E At top prod. interval reported below Same At total depth Same	11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 12, Township 18 South Range 27 East, Unit Letter E
14. PERMIT NO. WDW-2	15. DATE ISSUED April 27, 1999
12. COUNTY OR PARISH Eddy	13. STATE New Mexico

15. DATE SPUDDED 7-18-73	16. DATE T.D. REACHED 8-27-73	17. DATE COMP (Ready to prod.) 6-8-99	18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 3607' GL; 3623' RKB	19. ELEV. CASINGHEAD 3609' GL
20. TOTAL DEPTH, MD & TVD 10,372' TVD	21. PLUG, BACK T.D., MD & TVD 8770'	22. IF MULTIPLE COMPL. HOW MANY* 1	23. INTERVALS DRILLED BY ROTARY TOOLS All	CABLE TOOLS --
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM NAME (MD AND TVD)* L. Wolfcamp-Cisco-Canyon			25. WAS DIRECTIONAL SURVEY MADE? Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Fracture Finder and Caliper Logs, Dual Induction Laterlog, Compensated Neutron, Formation Density			27. WAS WELL CORED? No	

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	N/A	40'	N/A	Surface	None
8-5/8"	32	1995'	11	Surface, 800 sx ClH	None
5-1/2"	17	8869'	7-7/8"	Surface, 1570 sx ClH and ClC	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3-1/2"	7528'	7528'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7570'-7620', 7676'-7736', 7826'-7834'	10,000 gallons 15% HCl, plus 4600 pounds of rock salt as diverter	7570' to 8399'	
7858'-7880', 7886'-7904', 7916'-7936'			
7944'-7964', 7990'-8042', 8096'-8116'			
8191'-8201', 8304'-8319', 8395'-8399'			

DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) N/A		WELL STATUS (Producing or shut-in) N/A	
DATE OF TEST N/A	HOURS TESTED N/A	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD OIL-BBL. GAS-MCF. WATER-BBL.	WATER-BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS N/A	CASING PRESSURE N/A	24-HOUR RATE CALCULATED OIL-BBL. GAS-MCF. WATER-BBL.	OIL GRAVITY-API (CORE)		
34. DISPOSITION OF (Sold, used for fuel, vented, etc.) N/A				TEST WITNESSED BY	

35. LIST OF ATTACHMENTS Deviation Report	36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
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SIGNED David M. Moore TITLE Env. Mgr. DATE 7/19/99

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



# Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401  
Midland, Texas 79701

RECEIVED  
1999 JUL 21 A 10 23  
BUREAU OF LAND MGMT.  
WILSON RESOURCE AREA

RECEIVED

JUN 04 1999

June 2, 1999

SUBSURFACE TECHNOLOGY, INC.

Drilling Department  
Subsurface Construction Corporation  
7020 Port West, Ste 100  
Houston, TX 77024

RE: Inclination Report  
Navajo WDW-2  
Sec 12; T-18-S; R-27-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

2898' - 0.25  
3838' - 0.25  
4783' - 0.50  
6106' - 0.75  
6633' - 0.50

Sincerely,

*Rebecca Edwards*

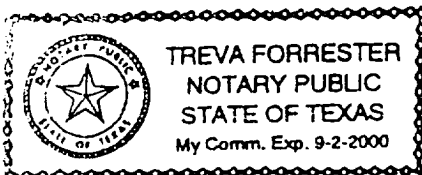
Rebecca A. Edwards  
Administrative Assistant

STATE OF TEXAS                   )  
  )  
COUNTY OF MIDLAND           )

The foregoing was acknowledged before me this 2<sup>nd</sup> day of June, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

*Treva Forrester*  
\_\_\_\_\_  
NOTARY PUBLIC



TELEPHONE  
(505) 748-3311

EASYLINK  
62905278



## REFINING COMPANY

501 EAST MAIN STREET • P. O. BOX 159  
ARTESIA, NEW MEXICO 88211-0159

July 19, 1999

FAX  
(505) 746-6410 ACCTG  
(505) 746-6155 EXEC  
(505) 748-9077 ENGR  
(505) 746-4438 P / L

Mr. James Amos  
United States Department of the Interior  
Bureau of Land Management  
P.O. Box 1778  
Roswell, NM 88220

RECEIVED  
1999 JUL 21 A 10:23  
BUREAU OF LAND MGMT  
LAND RESOURCE AREA

**RE: Well Completion Report for Navajo's WDW-2i in E-12-T18S, R27E**

Dear Mr. Amos,

Enclosed, please find two (2) copies of form OMB Form 1004-0137 pertaining to our WDW-2 injection well. If there are any questions concerning this submission, please call me at 505-748-3311. Thank you for your time in this matter.

Sincerely,  
NAVAJO REFINING COMPANY

Darrell Moore  
Environmental Mgr. for Water and Waste

Encl.