

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ GRY ☐ Other GAS STORAGE		5. LEASE DESIGNATION AND SERIAL NO. NM 22207	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR EL PASO NATURAL GAS COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1800 WILCO BUILDING - MIDLAND, TEXAS 79701		8. FARM OR LEASE NAME WASHINGTON RANCH GAS STORAGE PROJECT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1154' PSL, 572' FWL At top prod. interval reported below At total depth		9. WELL NO. 13	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 1-19-82		16. DATE T.D. REACHED 2-10-82	
17. DATE COMPL. (Ready to prod.) 3-7-82		18. ELEVATIONS (DT, REB, RT, GR, ETC.)* 3742' DF	
19. ELEV. CASINGHEAD 3731'		10. FIELD AND POOL, OR WILDCAT WASHINGTON RANCH/GAS POOL	
20. TOTAL DEPTH, MD & TVD 7100'		21. PLUG, BACK T.D., MD & TVD 7000'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6772'-6928' Morrow Clastics		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Comp Neutron/Density, BHC Sonic, DIL, Laser log, CBL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8	32.30	815'	12 1/2
7	23.00	7099'	8 3/4
CEMENTING RECORD		AMOUNT CURED	
500 sxs. RFC Cement		None	
500 sxs. Class "H"		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2 7/8	6955'		
31. PERFORATION RECORD (Interval, size and number)			
6772'-6928' 4 SPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
None			
33. PRODUCTION			
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut in			
DATE OF TEST 3-7-82	HOURS TESTED 24 hrs	CHOKER SIZE 1/2"	PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)			
51 psi	170 psi		399
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) EPNG Pipeline			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED John P. Deek		TITLE Supervisor, Production Services	
ROSWELL, NEW MEXICO		DATE 6-29-82	

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Delaware sd	530'						
Cherry Canyon	1474'						
Bone Spring	3608'						
Wolfcamp	5512'						
Straun	5708'						
Atoka	6014'						
Morrow lime	6577'						
Morrow Clastics	6700'						

JUL 12 1982

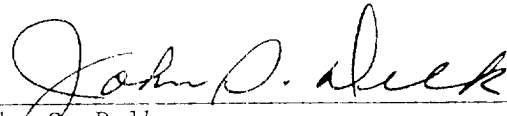
WASHINGTON RANCH STORAGE PROJECT NO. 13

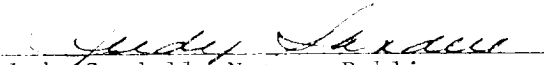
O. C. D.
ARTESIA, OFFICE

Sec. 34, T-25-S, R-24-E
Eddy County, New Mexico

<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>DEVIATION-DEGREES</u>
820	8 3/4"	1/2
1,404	8 3/4"	1/2
1,904	8 3/4"	1/2
2,401	8 3/4"	3/4
2,904	8 3/4"	1 1/4
3,402	8 3/4"	1 3/4
3,904	8 3/4"	1 3/4
4,114	8 3/4"	1 1/2
4,615	8 3/4"	1 1/2
5,115	8 3/4"	1 1/2
5,607	8 3/4"	1 3/4
6,103	8 3/4"	2 1/4
6,508	8 3/4"	2
7,100	8 3/4"	1 1/4

SWORN TO and SUBSCRIBED before me by John S. Delk on this the 11th
Day of June, 1982.


John S. Delk


Judy Sandell, Notary Public
State of Texas

My commission expires June 29, 1984