

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐ DRY ☒ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NOOC-14-20-2961																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBES NAME Navaio																			
2. NAME OF OPERATOR Kirby Exploration Company		7. UNIT AGREEMENT RECEIVED																			
3. ADDRESS OF OPERATOR P.O. Box 1745, Houston, Texas 77001		8. FARM OR LEASE NUMBER 27976																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1826' FNL and 1783' FEL At top prod. interval reported below same At total depth same		9. WELL NO. 1																			
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Wildcat																			
15. DATE SPUDDED 7-26-76		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 23, T31N, R19W																			
16. DATE T.D. REACHED 8-28-76		12. COUNTY OR PARISH San Juan																			
17. DATE COMPL. (Ready to prod.) 9-1-76		13. STATE New Mexico																			
18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 4726 GL & 4739 KB		19. ELEV. CASINGHEAD																			
20. TOTAL DEPTH, MD & TVD 7470		21. PLUG, BACK T.D., MD & TVD																			
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-74																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Plugged and abandoned		25. WAS DIRECTIONAL SURVEY MADE Yes																			
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Laterolog, CNL-FDC-GR - Caliper and Proximity logs		27. WAS WELL CORED No																			
28. CASING RECORD (Report all strings set in well)																					
<table border="1" style="width:100%"><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr><tr><td>13 3/8</td><td>48</td><td>123</td><td>17 1/2"</td><td>180 sacks Class "A" +2%</td><td>CaCl₂ None</td></tr><tr><td>8 5/8</td><td>24 & 32</td><td>2725</td><td>11"</td><td>600 sacks 65-35 Poz followed by 200 sacks class "H"</td><td>None</td></tr></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13 3/8	48	123	17 1/2"	180 sacks Class "A" +2%	CaCl ₂ None	8 5/8	24 & 32	2725	11"	600 sacks 65-35 Poz followed by 200 sacks class "H"	None
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29. LINER RECORD																					
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30. TUBING RECORD																					
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31. PERFORATION RECORD (Interval, size and number) Plugged and abandoned																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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33. PRODUCTION																					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)																			
DATE OF TEST		WELL STATUS (Producing or shut-in)																			
HOURS TESTED																					
CHOKE SIZE																					
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.)																			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																					
TEST WITNESSED BY																					
35. LIST OF ATTACHMENTS See attached Sundry Notice for plugging information.																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED Jack D. Cook		TITLE Agent																			
DATE 9-3-76																					

*(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 33, 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
DST #1	Ismay	6480-6545	IFP 263-593 psi/15 min. ISIP-2834 psi/30 min., FFP 539-1417 psi/90 min., FSIP 2931 psi/3 hours. Rec 126' muddy water and 2918 feet salt water Mis run	Green Horn	855
DST #2	Akah	6694-6749	IFP 5-7 psi/15 min. ISIP-7 psi FFP 7 psi/120 min. FSIP-7 psi/4 hours FB on IFP Recovered 38' Rathole mud.	Graneros	918
DST #3	Barker Creek	7084-7112	IFP 125-143 psi/15 min. ISIP 3098 psi/30 min. FFP 102-143 psi/90 min., FSIP 3487 psi/3 hours. GTS immed - gauged 121 MCF. Rec 380 feet drilling mud.	Dakota	995
DST #4	Akah	6680-6759		Morrison	1195
				Entrada	2145
				DeChelly	3925
				Hermosa	5695
				Ismay	6430
				Desert Creek	6558
				Akah	6715
				Barker Creek	6900
				Molas	7411