

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 ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0554779	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1886	
2. NAME OF OPERATOR HUMBLE OIL & REFINING COMPANY		7. UNIT AGREEMENT NAME —	
3. ADDRESS OF OPERATOR Box 1600, MIDLAND, TEXAS 79701		8. FARM OR LEASE NAME ANDREWS FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 FNL, 1980 FWL, SEC. 30, T-7-S, R-33-E At top prod. interval reported below ROOSEVELT COUNTY, NEW MEXICO At total depth		9. WELL NO. 1	
14. PERMIT NO. —		10. FIELD AND POOL, OR WILDCAT CHAUVEROD, SAN ANDRES	
DATE ISSUED —		11. SEC., T., R., & OR BLOCK AND SURVEY OR AREA SEC. 30, T-7-S, R-33-E	
15. DATE SPUNDED 6-17-66		12. COUNTY OR PARISH ROOSEVELT	
16. DATE T.D. REACHED 6-24-66		13. STATE NEW MEXICO	
17. DATE COMPL. (Ready to prod.) 8-25-66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4444 DF	
19. ELEV. CASINGHEAD 11.0		20. TOTAL DEPTH, MD & TVD 4400 TD	
21. PLUG, BACK T.D., MD & TVD 4364 PBD		22. IF MULTIPLE COMPL., HOW MANY* No	
23. INTERVALS DRILLED BY 0-4400		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4148 TOP 4272 BOTTOM SAN ANDRES	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN SEE ATTACHMENT	
27. WAS WELL TESTED No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 8 5/8 4 1/2		WEIGHT, LB./FT. 24 # 9.5 #	
DEPTH SET (MD) 211 4400		HOLE SIZE 11" 7 7/8"	
CEMENTING RECORD 125 SXS 500 SXS		AMOUNT OF CEMENT 2250 GAL. REG. 1570 NE ACID 40,000 GAL. GELLED WATER & 40,000 # 20/40 SAND.	
29. LINER RECORD		30. TUBING RECORD	
SIZE —		SIZE 2 3/8"	
TOP (MD) —		DEPTH SET (MD) 4226	
BOTTOM (MD) —		PACKER SET (MD) —	
SACKS CEMENT* —		31. PERFORATION RECORD (Interval, size and number) Perf. @ 4148, 4152, 4159, 4162, 4164, 4171, 4214, 4219, 4227, 4233, 4237, 4240, 4250, 4252, 4264, 4267, 4269, 4272. with 1/2" Radio Active Jet Select Fire Shots.	
SCREEN (MD) —		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33. PRODUCTION		DEPTH INTERVAL (MD) 4148-4272 4148-4272	
DATE FIRST PRODUCTION 8-13-66		AMOUNT AND KIND OF MATERIAL USED 2250 GAL. REG. 1570 NE ACID 40,000 GAL. GELLED WATER & 40,000 # 20/40 SAND.	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8-19-66		HOURS TESTED 24	
CHOKED SIZE —		PROD'N. FOR TEST PERIOD —	
OIL—BBL. 20		GAS—MCF. TSTM	
WATER—BBL. 6		GAS-OIL RATIO TSTM	
FLOW. TUBING PRESS. —		CASING PRESSURE —	
CALCULATED 24-HOUR RATE —		OIL—BBL. 20	
GAS—MCF. TSTM		WATER—BBL. 6	
OIL GRAVITY-API (CORR.) —		25.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM-VENTED		TEST WITNESSED BY J. C. ABBOTT	
35. LIST OF ATTACHMENTS SUPPLEMENTAL WELL INFORMATION		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED A. L. Clemmer		TITLE Agent	
DATE 9-16-66			

*(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.)

FORMATION		TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.		GEOLOGIC MARKERS		TOP	
FORMATION		TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.		GEOLOGIC MARKERS		TOP	
FORMATION		TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.		GEOLOGIC MARKERS		TOP	
212		212		212		Surface		1674		1674	
1314		1314		1314		Red Bed, Sand		2260		2260	
2260		2260		2260		Red Bed, Shells, Sand		2942		2942	
2670		2670		2670		Anhyd, Salt		2358		2358	
3186		3186		3186		Anhyd, Salt		3431		3431	
3754		3754		3754		Anhyd, Salt					
4400 TD		4400 TD		4400 TD		Lime					

UPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER Andrews Federal Well #1
 POOL COMPLETED IN Chaveros, San Andres
 PERFORATED INTERVAL 4148 to 4272
 STIMULATIONS: 4148-4272 2250 GAL. Reg. 15% NE Acid
4148-4272 40,000 GAL. Gelled Water and 40,000# 20/40 sand.

POTENTIAL TEST

DATE	CHOKE SIZE	HOURS TESTED	BBLs/DAY		% OF BS&W	GAS MCF /DAY	GOR	TBG PR OR S P M	CSG PR OR L. STROKE	CORRECTED GRAVITY
			FLUID	OIL						
8-19-66	-	24	26	20	23	TSTM	TSTM	-	-	25.0

DRILL STEM TESTS

NO.	RESERVOIR	INTERVAL TESTED		PRESSURES			RECOVERY - FEET	RUN BY
		FROM	TO	I. SI.	F. FLOW.	F. SI.		
	NONE							

CORES: NONE

LOGS: Schlumberger - Laterlog - from 210 to 4400 on 6-26-66
 Schlumberger - Gamma Ray - from Surface to 4400 on 6-26-66
 Schlumberger - Sonic - from 210 to 4400 on 6-26-66
 Schlumberger - Neutron - from 3900 to 4400 on 6-26-66
 Schlumberger - Microlog - from 3900 to 4400 on 6-26-66

UNSUCCESSFUL COMPLETION ATTEMPTS: FROM NONE TO NONE
 (SEE DAILY DRILLERS REPORTS FOR SQUEEZES OR BRIDGES.)