

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.NM0000 - SANTA FE
NM0000 - SANTA FE
BLM - SANTA FEDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐								
2. NAME OF OPERATOR Shell Oil Company (Western Division)															
3. ADDRESS OF OPERATOR Post Office Box 1509, Midland, Texas 79701															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FEL, (SE/4 SE/4), Section 22, T-8-S, R-30-E, NMPH Survey, Chaves County, New Mexico At top prod. interval reported below Same At total depth Same															
14. PERMIT NO.				DATE ISSUED											
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5. LEASE DESIGNATION AND SERIAL NO.		NM-0276225													
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		---													
7. UNIT AGREEMENT NAME		---													
8. FARM OR LEASE NAME		Brown Federal													
9. WELL NO.		1													
10. FIELD AND POOL, OR WILDCAT		Cato (San Andres)													
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		Section 22, T-8-S, R-30-E, NMPH													
12. COUNTY OR PARISH		Chaves													
13. STATE		New Mexico													
15. DATE SPUNDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
6-7-67		6-15-67		7-16-67		4169' DF		---							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS							
3700'		3681'		---		0-3700'		---							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3494', 3500', 3504', 3509', 3515', 3519', 3522', 3526', 3528', 3530', 3534', 3659', 3661', 3663' and 3665'								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN (Schlumberger) SNP/GR, MLL, LL, GR/CCL								27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		32#		463'		11"		350 Sacks		---					
5 1/2"		15 1/2#		3700'		7 7/8"		350 Sacks		---					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
---		---		---		---		---		2"		3598'		3556'	
31. PERFORATION RECORD (Interval, size and number) 1 3/8" Jet Shots at 3494', 3500', 3504', 3509', 3515', 3519', 3522', 3526', 3528', 3530', 3534' (11 holes). 1 3/8" Jet Shots at 3659', 3661, 3663', 3665' (4 holes).										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										SEE ATTACHMENT					
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)								WELL STATUS (Producing or shut-in)					
7-16-67		Pumping - 2" x 1 1/2" x 16'								Producing					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
7-22-67		24		---		---		15		TSTM		60		---	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
Vented										---					
35. LIST OF ATTACHMENTS															
Deviation Record, Logs															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED N.W. Harrison TITLE Staff Exploitation Engineer DATE July 26, 1967															

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

ACCEPTED FOR RECORD

J. N. Sutherland

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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
	NO CORES NO DRILL	STEM TESTS		Base Red Beds	1081'
				Yates	1609'
				San Andres	2767'
				San Andres Marker	3316'
				"A" Zone	3478'
				"BC" Zone	3559'
				"O" Zone	3658'
Dolomite	3490'	3535'	Hydrocarbon bearing		
Dolomite	3560'	3590'	Water bearing		

ATTACHMENT TO FORM 9-330

Brown Federal No. 1
Section 22, T-8-S, R-30-E, NMPM
Chaves County, New Mexico

ACID TREATMENT

Depth Interval

Amount and Kind

3681'

300 Gallons 15% NEA

3556'

1000 Gallons 15% NEA

5 Gallons 14-N

1 Gallon HAI-50

3400'

4000 Gallons 28% HCl

5#/1000 Gallons AS-5

3#/1000 Gallons 14-N

2#/1000 Gallons HAI-50

5#/1000 Gallons FR-10

RECEIVED
JUL 28 11 47 AM '67
HOBBS OIL FIELD CO.