

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.NMOCC - ARTESIA
NMOCC - H333S
BLM - SANTA FEDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

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.

2

10. FIELD AND POOL, OR WILDCAT

Cato (San Andres)

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASection 22, T-6-S, R-30-E
NMPM

12. COUNTY OR

Chaves

13. STATE

New Mexico

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 JUL 21 1967

2. NAME OF OPERATOR

Shell Oil Company (Western Division)

3. ADDRESS OF OPERATOR

P. O. Box 1509, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FEL & 1980' FSL, Section 22, T-8-S, R-30-E,

NMPM Survey, Chaves County, New Mexico

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-28-67

16. DATE T.D. REACHED

7-5-67

17. DATE COMPL. (Ready to prod.)

7-9-67

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4160' DF

19. ELEV. CASINGHEAD

4153'

20. TOTAL DEPTH, MD & TVD

3680'

21. PLUG, BACK T.D., MD & TVD

3643'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-3680'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3462', 3465', 3466', 3477', 3480', 3482', 3485', 3490', 3494', 3496',
3498', and 3503' (San Andres)25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

(Schlumberger) FDC & SNP, LL & MLL

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
9 5/8"	36#	429'	12 1/4"	350 sacks	-
5 1/2"	15 1/2#	3678'	7 7/8"	350 sacks	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	3643'	3350'

31. PERFORATION RECORD (Interval, size and number)

3462', 3465', 3466', 3477', 3480', 3482',
3485', 3490', 3494', 3496', 3498', &
3503'.

1-1/2" JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3462' - 3503'	200 gallons 15% NEA
	5000 gallons 28% acid w/2 gals./
	1000 A-110, 2 gal/1000 W-26 &
	5#/1000 J-120.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-9-67		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-13-67	24	—	→	108	60	39	556	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
—	—	→	same	—	—	—		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED N. W. Harrison

N. W. Harrison TITLE Staff Exploitation Engineer

DATE July 21, 1967

ACCEPTED FOR RECORD

District Engineer

*(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	TRUE VERT. DEPTH
San Andres	3440'	3500'	Vuggy Dolomite - Hydrocarbon Bearing Pinpoint porosity Dolomite Water Bearing	Base Red Beds	1061'	(+3099')
	3530'	3580'		Yates	1590'	(+2570')
				San Andres	2343'	(+1417')
				San Andres Marker	3288'	(+ 872')
				Slaughter A Zone	3449'	(+ 711')
				Slaughter BC Zone	3527'	(+ 633')
				Slaughter O Zone	3628'	(+ 532')