

NMIGOS - ARIZONA
NMIGOS - NEW MEXICO
BLM - SANTA FEUNITED 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 _____

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

P. O. Box 4399 Midland, Texas 79701

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

At surface 1980' FML & 1980' FWL, Section 33, T-8-S, R-30-E,
NMPM Survey

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Chaves13. STATE
New Mexico

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

12-12-67

12-22-67

12-27-67

4141' GR

4141' GR

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

3580'

3544'

0-3580

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

3427' to 3481' - San Andres

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustilog, Focused Log, & 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"	24#	267'	12 1/2"	200 SX	
4 1/4"	10.5#	3579'	7 7/8"	400 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	3310'	3324'

31. PERFORATION RECORD (Interval, size and number)

1/4" - 3427', 3429', 3433', 3438', 3443',
3447', 3451', 3551', 3472', 3477', 3481',
(11 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3427' - 3481'	5000 gals. 28%

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-27-67		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-27-67	9 hours	24/64"	→	126	49	0	391
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200 #		→	336	130	0	24.1	

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

Vented

35. LIST OF ATTACHMENTS

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

Original Signed By

SIGNED J. D. DUREN J.D. DUREN TITLE Staff Petrophysical Engineer DATE December 28, 1967

ACCEPTED FOR RECORD

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

District Engineer

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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
San Andres	3425	3497		Hydrocarbon bearing	Base Red Beds	1014		3127
San Andres	3599	3540		Hydrocarbon & water bearing	Yates	1534		2607
					San Andres	2706		1435
					San Andres Marker	3251		890
					A Zone	3400		741
					B C Zone	3495		656

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR BELL OIL COMPANY ADDRESS P. O. BOX 1509, MIDLAND, TEXAS 79701
 FIELD CATO (SAN ANGELES) LEASE MCO FEDERAL WELL NO. 10
 LOCATION 1900 FTL & 1900 FTL, INC. 33, 7-4-6, 8-30-1, CHAVIS COUNTY, NEW MEXICO

DEVIATION RECORD

755'	3/4°
1255'	3/4°
2150'	1 1/4°
2697	1°
2697	1°
2985	1°
3210	3/4°
3328	1°
3328	1°
3380	1°

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

L. B. Deal L. B. DEAL
 Signature
BELL OIL COMPANY
 Company

STATE OF TEXAS
 COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared L. B. DEAL, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

L. B. Deal L. B. DEAL
 Signature
CIVIL ENGINEERING SUPERINTENDENT
 Title

Sworn and Subscribed to before me, this the 24th day of December 19 67

Harri Roff
 Notary Public in and for Midland County,
 Texas.

RECEIVED

DEC 23 1967

S. S. GEOLOGICAL SURVEY
 EL PASO, NEW MEXICO