

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SURVEY NO.

NM 43565

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SEP 14 12 20 PM '89

7. UNIT AGREEMENT NAME

CARL AREA

8. FARM OR LEASE NAME

Sun Federal Comm.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Antelope Ridge Atoka Gas

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 27, T-22, R-34-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

19. ELEV. CASINGHEAD

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

Oryx Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79702

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

At surface 0, 1980' FEL & 710' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

4-28-89

15. DATE SPUDDED

6-10-89

16. DATE T.D. REACHED

7-29-89

17. DATE COMPL. (Ready to prod.)

7-30-89

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

3407.8'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12,780'

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

12,651'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

12,096'-12,296' Atoka

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHT-Sonic W/GR, DIL/CN-LD W/GR & Cal, CNL-density - W/GR, DIL-MSFL, CBL,

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

GR-CCL

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	1741'	17 1/2"	1700 SXS	TOC 50'
9 5/8"	36#	4865'	12 1/4"	1850 SXS	20 SXS
7"	26#	11,400'	8 3/4"	1065 SXS	TOC 5800' by T.S.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,112'	12,780	290 SXS		2 3/8" & 2 7/8	11,400	11,400

31. PERFORATION RECORD (Interval, size and number)

12,096'-12,296', 6 JSPF, 299 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-20-89		Flowing				SI, WO gas contract	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-1-89	24	10/64" →	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3205#	Pkr	→	80.5	1127	0	59.2	

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

CC40F - 2143 MCFPD

TEST WITNESSED BY

Flared (gas contract now under negotiation)

35. LIST OF ATTACHMENTS

C-122, 3160-5, C-104, Inclination

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

SIGNED

Maria L. Perez

TITLE Accountant

DATE 9-9-89

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

SJS

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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Rustler	1686	1814	Anhydrite		
Salado	1814	5144	Salt, Dolomite		
Delaware	5144	8515	Sd, Shale		
Bone Spring	8515	9595	Dolomite, Shale		
1st Bone Spring Sd	9595	10087	Sd, Shale, Dolomite		
2nd Bone Spring Sd	10087	10654	Sd, Shale, Dolomite		
3rd Bone Spring Sd	10654	11350	Sd, Shale, Dolomite		
Wolfcamp	11350	11787	Lm, Shale		
Strawn	11787	11981	Chert, Lm, Shale		
Atoka	11981	TD	Lm, Shale -- Gas		

SEP 21 1966
RECORDS OFFICE