

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-56542

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Culwin 35 Federal #2

9. API WELL NO.

30-015-30360

10. FIELD AND POOL, OR WILDCAT

Shugart (Y-SR-QN-GB)

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

Sec 35, T18S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

SDX Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 5061, Midland, TX 79704 915/685-1761

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

At surface

2160 FSL 990 FEL, Unit I

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

08/07/98

16. DATE T.D. REACHED

08/15/98

17. DATE COMPL. (Ready to prod.)

10/17/98

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)

3501 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3850

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

3791

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

3162 - 3176

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, CCL, DLL, LDT, CNL, GR

27. WAS WELL CORED

No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	580	12-1/4	100 sx 10/2 RFC + 275 sx C, Circ	None
5-1/2 K55	14 & 15.5	3849	7-7/8"	550 sx 35/65 POZ + 350 sx C	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3058	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3162 - 3176 (1 spf, 15 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3162 - 3176	A: 2000 gal 15% HCL
	F: 19,194 gal Super Rheo gel oil +
	52,540# 16/30 Brady Sd

33. *

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/15/98		Pump 2-1/2" x 2" x 12' RWAC					Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11/17/98	24		→	6	17	18	2833	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	6	17	18			

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

Sold

TEST WITNESSED BY
Chuck Morgan

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

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

SIGNED

Bonnie Ottewill

TITLE

BUREAU OF LAND MANAGEMENT
REGULATORY TECHNICAL
WELL RESOURCE AREA

DATE 12/08/98

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show important zones of porosity and contents there, cored intervals; and all drill-stem, tests, including depth interval tests, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Grayburg	3646	3700	Dolomitic Sand
Penrose	3282	3308	Sand
Penrose	3402	3425	Sand
Penrose	3468	3494	Sand
Queen	3162	3180	Sand
Queen	3052	3100	Anhy & Dolo
Seven Rivers	2340	70	Sandy Dolomite
	2450	60	Sandy Dolomite

38. GEOLOGICAL MARKERS

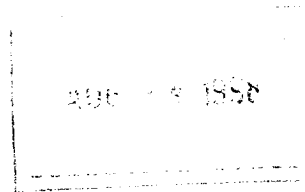
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Seven Rivers	2320	2320
Queen	3046	3046
Grayburg	3534	3534

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED
DEC 09 '98

SDX Resources, Inc.
P.O. Box 5061
Midland, TX 79704

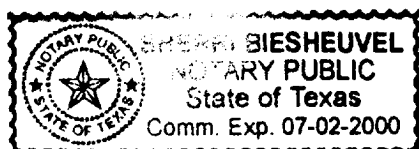


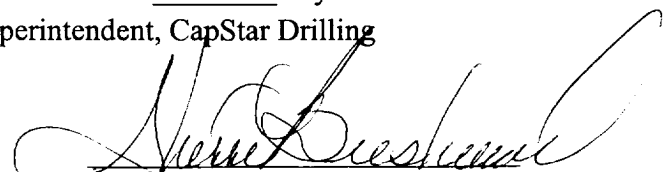
Culwin 35 Federal # 2
Eddy County NM

250	2.50	1/2	0.88	2.19	2.19
459	4.59	3/4	1.31	6.02	6.02
750	7.50	3/4	1.31	9.84	9.84
1117	11.17	1 1/2	2.63	29.32	29.32
1307	13.07	1/2	0.88	11.44	11.44
1650	16.50	1 1/2	2.63	43.31	43.31
1800	18.00	1 3/4	3.06	55.13	55.13
1924	19.24	1 1/4	2.19	42.09	42.09
2110	21.10	1 1/4	2.19	46.16	46.16
2360	23.60	2	3.50	82.60	82.60
2452	24.52	2 1/2	4.38	107.28	107.28
2482	24.82	2 1/4	3.94	97.73	97.73
2575	25.75	2	3.50	90.13	90.13
2731	27.31	1 3/4	3.06	83.64	83.64
3230	32.30	2	3.50	113.05	113.05
3720	37.20	2	3.50	130.20	130.20


Michael Roghair - Drilling Superintendent

The attached instrument was acknowledged before me on the 20th day of August, 1998 by Michael Roghair - Drilling Superintendent, CapStar Drilling




Notary Public