

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM-11042

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Ross Draw

8. FARM OR LEASE NAME

Ross Draw Unit

9. WELL NO.

5-1

10. FIELD AND POOL, OR WILDCAT

Ross Draw
Wildcat Bone Spring

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

Sec 27, T-26-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Re-entry

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVL. ☐ Other Re-entry

RECEIVED

SEP - 7 1978

2. NAME OF OPERATOR

D. B. Baxter

3. ADDRESS OF OPERATOR

P. O. Box 4171, Midland, Texas 79701

O. C. C.

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

At surface 1980' from the South line & 1980' from the West line

of Section 27
At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-17-77

16. DATE T.D. REACHED

2-13-78

17. DATE COMPL. (Ready to prod.)

5-18-78

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

2995.5' GR

19. ELEV. CASINGHEAD

2995.5'

20. TOTAL DEPTH, MD & TVD

9052' TD

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

8500' PBDT

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)*

8235' - 8500' (First Bone Spring Sand)

Yes

25. TYPE ELECTRIC AND OTHER LOGS RUN

No new electric logs - re-entry of existing well - Hydrocarbon Log Enclosed

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" *		3300'			
7-5/8"	29.70, 33.70 & 39#	8235.22'	9-1/2"	1st Stage 2nd Stage - 700'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8428'	8215'

31. PERFORATION RECORD (Interval, size and number)

Open Hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8235 - 8500'	5000 gal. 15% NE Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-18-78		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-22-78	24	1/4	→	20.24	419	30	20,701	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
400#		→	20.24	419	30	47.3° @ 60°		

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

Sold

TEST WITNESSED BY

Leon Arnett

35. LIST OF ATTACHMENTS

Hydrocarbon Log

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

SIGNED

D. B. Baxter

TITLE

Operator

DATE

8-31-78

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

*13-3/8" set by previous operator (Penroc Oil Corporation)

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 38, 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 38. 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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CREATION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #1	7149	7385	Opened tool 1 hr. 40 min. Initial Flow Period - Closed in 2 hrs., 20 min. Initial Shut In. Re-opened tool for 1 hr. Shut in for final shut in 1-1/2 hrs. IHP 3512#. 1st Initial Flow Pressure 1242#, 1st FFP 3023#, ISIP 3547#, 2nd IFP 3198#, 2nd FFP 3583#, FSIP not available. Rec'd 1500' water blanket; 5540' heavily mud cut gassy formation water. Rec'd approx. 730' fluid - 200' oil; 530' water. Reversed out. Temp. 140°. Bottom chart @ 8313'. Gas to surface 17 min. 36 min. Initial flow period. 2nd flow period peaked out in 15 min. IFP 109#, FFP 217# ISIP 3969#. 2nd Flow Period: IFP 196#, FFP 370#, FSIP 4035#, Hydro. 4079#. Initial Flow 30 min., Initial Shut In 60 min., Final Flow 60 min., and Final Shut In 120 min.	Delaware Sand Bone Spring 2nd Bone Spring Total Depth	3419' 7280' 8850' 9052'	
DST #2	8260	8316				
DST #3	8320	8476	Opened tool for 30 min. pre-flow w/ strong blow air to surface - 1/4" choke. Diminished and died in 30 min. Shut in 1 hr. for ISIP.			

(Continued on Page 2)

- DST #3 Continued: Opened tool for final flow pressure. Slight blow - died in 30 min. Final Flow period - 1 hr. Shut in 120 min. Final Shut In Pressure. Rec'd. 100' gas cut drilling fluid plus 8000' gas cut filtrate water. IHP 4365#, IFP 1978#, FFP 2941#, ISIP 4233#, IFP 3204#, FFP 4079#, FSIP 4233#, FHP 4277#.
- DST #4: 8235 - 8600' Took 6 hr. SIP; 2-1/2 hr. flow period. 2-1/2 hr. flow period opened w/ weak blow. Decreased to very weak after 5 minutes - remained weak throughout remainder of test. 3 hr. FSIP. Rec'd. 7982' drilling fluid - top sample slightly gas cut. IHP 4255#, First Flow Period: IFP 2482#, FFP 4145#, ISIP 4145#. Second Flow Period: IFP 4145#, FFP 4145#, FSIP 4145#, FHP 4255#.
- DST #5: 8700 - 8787' Rec'd. 90' gas cut drilling fluid. IHP 4425#. One hr. Initial Flow. IFP 66#, FFP 66#. One hr. ISIP 974#. One hr. final flow. IFP 66#, FFP 66#. Two hr. FSIP 1812#. FHP 4425. Sample chamber rec'd. .416 cu ft. gas - no fluid.
- DST #6: 8842 - 9052' Opened w/ weak blow; increased to good blow in 10 min.; continued through first flow period. Reopened after shut in period w/ weak blow - continued through second flow period. Rec'd. 90' drilling mud. IHP 4615#. Sixty min. first flow period. IFP 2274#, FFP 1821#. Sixty min. ISIP 2343#. Sixty min. 2nd Flow Period. IFP 1821#, FFP 1821#. 120 min. FSIP 2341#. FHP 4637#.