Form 3160
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

C/ST

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 36610-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Robinia Draw W.I. Unit

8. FARM OR LEASE NAME: Fast Draw Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 5, T23S, R24E

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

RECEIVED
SEP 13 '89
O. C. D.
ARTESIA, OFFICE

2. NAME OF OPERATOR: W. A. Moncrief, Jr.

3. ADDRESS OF OPERATOR: 400 Metro Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 2130' FNL and 660' FEL section 5, T23S, R24E

At top prod. interval reported below: Same

At total depth: Same

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-015-26145	7/05/89	Eddy	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/18/89	8/20/89		4153 Gd, 4166 KB	4153

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
10,726 HLS			→	all	

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

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: HLS Spectral Density, Dual Spaced Neutron & DLL MG

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
13 3/8"	68	430	17½	200 sx lite + 200 sx PREM	
8 5/8"	32	2,350	11	530 sx lt + 200 sx PREM PLUS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): (ORIG. SGD.) DAVID R. GLASS

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Open hole logs and a contractors list of deviation surveys.

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

SIGNED Dewey E. Thornton TITLE Exploration Manager DATE 8/28/89

*(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

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.
DST #1 8545-8655'	surface	2442	lime w/shale stringers
op 15", SI 30", op	2442	2451	shale
60", SI 120"GTS 6"	2451	2633	dolomite
into reg. flow.	2633	2827	dolomite & gyp sand stringers
Max vol 34 MCFGPD.	2827	3096	dolomite
Dec. to 29 MCFGPD.	3096	3428	lime
Rec. 480' DM. SC	3428	3492	sand & lime stringers
rec. 1.55 CFG +	3492	3600	lime & sand stringers
2600 cc DM @ 200#.	3600	3824	lime & shale stringers
FP 143-143 ISIP	3824	4256	lime
1573, FP 143-199,	4256	4274	sand
FSIP 2624.	4274	4424	lime & shale stringers
DST #2 9848-9875'	4424	4440	sand
op 15", SI 30, op	4440	4610	lime & shale stringers
30, SI 60". Rec.	4610	4837	sand, shale & lime stringers
20' DM SC Rec	4837	4934	lime & shale stringers
2600 cc DM. FP 29-	4934	5203	shale w/lime stringers
29, ISIP 202#, FP	5203	5675	lime w/shale stringers
29-29#, FSIP 605#.	5675	5750	shale w/lime stringers
DST #3 10,285-325'	5750	5802	shale
op 15, SI 30, op	5802	6684	lime w/shale stringers
30, SI 60. Rec 60'	6684	7334	shale w/lime stringers
DM, SC rec 2600 cc	7334	7675	sand w/shale & lime stringers
DM. FP 109-109,	7675	8437	shale w/lime stringers
ISIP 137#, FP 109-	8437	9264	lime and shale
109, FSIP 164#.	9264	10,260	lime & shale w/sand stringers
DST #4 10,339-495'	10,260	10,683	Morrow sand, shale & lime stringers
op 15,SI 30,op 30,	10,683	10,726	Barnett shale
SI 60. Rec 250' DM			
SC Rec. 2600 cc DM			
FP 82-82, ISIP 274			
FP 82-82,FSIP 1097			
DST #5 10,601-643			
op 15,SI 30,op 30,			
SI 60.Rec.45' GCDM			
SC Rec 2600 cc DM			
FP 27-55 ISIP 2458			
FP 55-82 FSIP 2485			

DST #6 10,610'-10,725' op 15, SI 30, op 60, SI 120". Rec. 1696' GCDM. SC Rec 2600 cc DM. FP 165-247#, ISIP 1505#, FP 385-495#, FSIP 2676#.

SP DST #7 8880'-8970' op 30", SI 60" & packer failed,very weak blow on preflow. Rec. 800' DM. FP 284-315# SIP 483#.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
San Andres	1200	
Bone Springs lm	3600	
1st B.S. sand	4256	
2nd B.S. sand	4610	
3rd B.S. sand	7334	
Wolfcamp	7675	
Strawn	8720	
Atoka lime	9690	
U. Morrow lime	10,053	
Morrow sand	10,260	
Lower Morrow	10,447	
Barnett	10,683	