Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NM 15272

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Robert L. Bayless

8. FARM OR LEASE NAME: Coolidge Com

3. ADDRESS OF OPERATOR: P.O. Box 168, Farmington, NM 87499

9. WELL NO.: #1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 950' FNL & 1190' FEL

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T30N, R14W

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FARMINGTON RESOURCE AREA

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5671' G.L.

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[X]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) run tubing			
(Other)	[ ]			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Move in. Rig up Bayless Rig 3. Nipple up wellhead. Nipple up BOP. Pick up 3-7/8" bit, casing scraper, and 1½" 2.9#/ft J-55 EUE used tubing. Tag cement above D.V. tool at 4186' RKB. Drill 28 feet of cement and D.V. tool at 4214'. Pressure test casing and wellhead to 4500 psi. Held OK. Trip more 1½" tubing in hole. Tag cement top at 5876'. Drilled 66 feet of cement to 5942' RKB. SDFN.

Drilled 268 feet of cement to DFFC @ 6144' RKB. Rigged up the Western Co. Pressure tested casing and wellhead to 4500 psi. Held OK for 15 minutes. Circulated hole clean with 1% KCL water, 1 gal/1000 surfactant, ½ gal/1000 clay stabilization agent, and 1% ammonium nitrate. Moved tubing to 6048' RKB. Spotted 500 gallons of 7½% D.I. HCL acid over Dakota perforation interval. Tripped tubing, scraper and bit out of hole. Rigged up Basin Perforators. Ran GR-CLL-CBL from PBTD of 6139' to 5600'. Ran bond log with no pressure and with 1500 psi pressure. Top of good cement above Dakota at 5780'. Bond log would not show a good bond with the filler cement. Some bond shown above the D.V. tool to 4000' - top of cement uncertain. Perforated Dakota interval from GR-CLL-CBL with 3-1/8" casing gun as follows: (open hole log depths)

5912-5923	11 ft.	11 holes
5932-5938	6 ft.	6 holes
5943-5947	4 ft.	4 holes
5998-6022	24 ft.	12 holes
6030-6051	21 ft.	21 holes
TOTAL	66 ft.	54 holes

SDFN.

(continued)

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DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Operator DATE 3-8-1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
MAR 20 1985
FARMINGTON RESOURCE AREA
BY [signature]

*See Instructions on Reverse Side

NMOCC

2-27-85 Tripped in hole with Baker Strattle Packer on 1½" tubing. Rigged up the Western Co. pump. Broke down Dakota zones individually as follows:

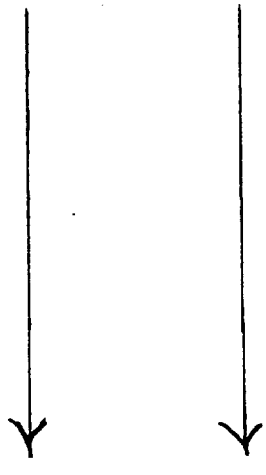
Zone	Top Packer	Bottom Packer	Breakdown	Rate	Pressure	ISIP	Remarks
1. 5912-5923	5898	5928	immediate	2.9	2800	500	Saw some fluid to the surface-suspect top packer not holding all pressure.
2. 5932-5938 &5943-5947	5928	5958	none	--	--	--	Saw communication to surface immediately. Suspect top packer not holding.

Set strattle packer above perfs to pressure test. Could not get top packer to hold pressure. Suspect 1½" tubing not putting enough weight on top packer to pack off. Displace acid on spot into Dakota perforations. ISIP = 500 psi. Trip tubing and strattle packers out of hole. Trip in hole with Baker Tension packer.

Racked tubing fell in mousehole. Spent remainder of day tripping in hole and replacing damaged tubing. SDFN.

2-28-85 Set Baker tension packer at 5586' RKB. Rigged up the Western Co. Broke down all Dakota perfs immediately. Established injection rate down tubing of 2.9 BPM @ 2600 psi, ISIP = 400 psi. Acidized down the tubing with 500 gallons of 7½% D.I. weighted HCL acid containing 81 1.1 s.g. RCN ball sealers 3.0 BPM @ 2750 psi. Saw some ball action. Balled off casing to 4000 psi. Bled off pressure. Pumped final rate into formation of 3.1 BPM @ 2800 psi, ISIP = 400 psi. 15 minute shutin 300 psi. Moved packer below perforations to make sure balls are on bottom. Reset packer at 6026'. Established injection rate into lower Dakota zone (6030-7051) of 2.9 BPM @ 2800 psi, ISIP = 400 psi. Rigged to swab. Swabbed lower Dakota zone as follows:

Run #	Time	From Depth Pulled	Depth Level	Footage	Bbls	Remarks
1	10:45	1500	Surface	1500	3.8	
2	10:55	2100	500	1600	4.0	
3	11:05	2000	500	1500	3.8	Gas Started
4	11:10	2300	800	1500	3.8	Gas cut fluid, well kicking after
5	11:15	2300	800	1500	3.8	each run-no nitrates detected!
6	11:22	2500	1000	1500	3.8	
7	11:33	2300	800	1500	3.8	
8	11:40	5990	1000	4990	12.6	
9	12:00	5990	1300	4690	11.8	
10	12:17	5990	1500	4490	11.3	
11	12:33	5990	2000	3990	10.0	
12	1:20	5990	1100	4890	12.3	
13	1:43	5990	1500	4490	11.3	
14	1:56	5990	1400	4590	11.6	
15	2:11	5990	1600	4390	11.1	
16	2:31	5990	2400	3590	9.0	
17	2:48	5990	3100	2890	7.3	
18	3:04	5990	3500	2490	6.3	
19	3:25	5990	3600	2390	6.0	



2-28-85 (cont.)

Run #	Time	From Depth Pulled	Depth Level	Footage	Bbls	Remarks
20	3:37	5990	3800	2190	5.5	
21	3:55	5990	3800	2190	5.5	
22	4:10	5990	4200	1790	4.5	
23	4:25	5990	4400	1590	4.0	

Swabbed total of 167 bbls of heavily gas cut fluid. Suspect packer leak. Well was kicking 3 to 5 minutes after each run. Well was making small amounts of condensate. Could not detect any nitrates in water recovered from swab. Possible formation water entry into wellbore. Worked broach through the tubing to seating nipple. Had a major bad zone at 1600' and 4 or 5 minor bad zones in remainder of tubing. Well started kicking while broaching the tubing. SDFN.

3-1-85 Overnight shutin pressures: tubing 1000 psi; annulus 1000 psi. Blew down pressures. Released packer. Tripped tubing and packer out of hole. Rigged up the Western Company. Fracture stimulated Dakota interval with 83,000 gallons of 75 quality foam with 1% KCL water, 1 gallon/1000 surfactant, ½gal/1000 clay stabilization agent and 135,000 lbs of 20-40 sand as follows:

19,000 gallons 75 quality foam pad	30 BPM @ 3000 psi
14,000 gallons w/1ppg 20-40 sand	30 BPM @ 3050 psi
29,000 gallons w/2ppg 20-40 sand	30 BPM @ 3150 psi
21,000 gallons w/3ppg 20-40 sand	30 BPM @ 3200 to 4500 psi*

*Well screened off to 4500 psi at end of 3 ppg 20-40 sand stage. Did not get any flush into well. Formation received 123,500 lbs of sand out of 135,000 lbs (11,500 lbs of sand in wellbore, approximately 1233 feet).

ISIP = 4250 psi 10 min. = 4100 psi
5 min= 4150 psi 15 min. = 4100 psi

Average rate 30 BPM. Average pressure 3100 psi. Maximum pressure 4500 psi. Minimum pressure 3000 psi. Nitrogen rate 23,400 SCF/min to 25,200 SCF/min. Total nitrogen pumped 1,841,894 SCF. Total load fluid to recover 499 bbls. Shut well in 3 hours to allow fracture to heal. Opened well to atmosphere through ¼" choke to cleanup after frac. SDFN.

3-2-85 Well flowing through ¼" choke to pit. Flowing pressure 250 psi.

3-3-85 Well flowing through ¼" choke to pit. Flowing pressure 125 psi.

3-4-95 Killed well. Tripped in hole with 1½" tubing. Tagged sand fill at 5871'. Circulated out 273 feet of sand fill to PBTD of 6144' RKB. Dropped standing valve in tubing. Pressure tested tubing to 1000 psi. Pressure bled off in 1 minute. Suspect collar leaks, no major tubing leak. TTOH. Recover standing valve. Trip tubing in hole - land tubing as follows:

3-4-85 (cont.)

DESCRIPTION	LENGTH	DEPTH
KB to landing point	10.00	0-10
1 2-3/8 X 1½ crossover	1.50	10-11
183 jts 1½" 2.90#/ft J-55 EUE used tbg	5897.33	11-5909
1 seating nipple	.55	5909-5909
1 jt 1½" used tubing	32.08	5909-5941
	5941.46	

Nipple down BOP. Nipple up wellhead. SDFN.

3-5-85 Well dead this morning. Swab on well, kick off flowing. Flow remainder of day to cleanup. Shut in to build pressure.

3-6-85 Open well to flow. Well flowed without any problem. Shut well in to build pressure for AOF.