

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		6:15 PM 1:21	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		070 FARMINGTON, NM	
2. NAME OF OPERATOR Amoco Production Company		Attention: Mike Curry	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201		(303) 830-4075	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1170' FSL 1460' FEL UNIT O At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
15. DATE SPUDDED 02/09/94		16. DATE T.D. REACHED 02/15/94	
17. DATE COMPL. (Ready to prod.) 6-10-94		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6065' GR	
19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7164'		21. PLUG, BACK T.D., MD & TVD 7135'	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY YES	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Dakota 6883'-7110'		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN HRI/GR/DSETN/SDL/TRCR/CBL		27. WAS WELL CORED N	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
11.75" K55	42#	267'	14.75"
8.625" K55	32#	2778'	11.0"
5.5" k55	15.5#	7152'	7.875"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	SIZE	DEPTH SET (MD)
		2 1/16"	7089'
31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6883' - 7110'		See Attached	
32. PRODUCTION			
DATE FIRST PRODUCTION June 6 1994		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing to atmosphere	
WELL STATUS (Producing or shut-in) SI w/o 1st Del			
DATE OF TEST June 6 1994	HOURS TESTED 3.5 hrs	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS 170	CASING PRESSURE NA - Pkr	CALCULATED 24-HOUR RATE	OIL - BBL 0
GAS - MCF. 359		WATER - BBL 0	
OIL GRAVITY - API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			

SIGNED Mike Curry

TITLE Business Analyst

DATE 6-14-94

*(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.

NMOOD

37

Operator: AMOCO

Wellname: SELLERS FED LS # 6M

API: 30045290800

Sec: 30

Twp: 30N

Rng: 10

Spot: NW SE SE

Pot. Prod Zones: MV,KD

Ref No: 2005

Plat Rcvd: ☐Prognosis: ☐Form 46: ☒Mudlog Pkg: ☐Final Disturb: ☐File to 15: ☐

Mud Logger:

Mud Invoice:

GL Est: 6165

KB Est: 6081

KB: 6081

ICP: 2778

PCP:

TD: 7164

COMMENTS: NO LOGS RUN 1

AMOCO TOPS

Zone	Est Struc	Calc Depth	Calc Struc	Actual Depth	Input Date	Tops Source	Comments
OJOA_	4900	1181			1/30/93	AML	NOT LOGGED
KIRT	4755	1326			1/30/93	AML	NOT LOGGED
FRLD	3880	2201			1/30/93	AML	NOT LOGGED
PCCF	3590	2491			1/30/93	AML	NOT LOGGED
LWIS	3453	2628			1/30/93	AML	NOT LOGGED
CLFH	1971	4110	1930	4151	1/30/93	AML	
MENF	1770	4311	1896	4185	1/30/93	AML	
PNLK	1277	4804	1277	4804	1/30/93	AML	
MNCS	888	5193	890	5191	1/30/93	AML	
GLLP	43	6038	34	6047	1/30/93	AML	
GRNH	-690	6771	-686	6767	1/30/93	AML	
GRAN	-750	6831	-746	6827	1/30/93	AML	
DKTA	-800	6881	-801	6882	1/30/93	AML	
MRSN					1/30/93	AML	
TD	-1200	7281	-1083	7164	1/30/93	AML	DRILLED TO TOP ENCINAL CANYON ON AIR.

SELLERS FEDERAL LS #2M

MIRUSU 2/26/94. TALLY 264 JNTS 2-3/8 TBG. MAKE UP 4-3/4" BIT ON 8, 3-1/8 DRILL COLLARS. PICK UP & RUN 213 JNTS 2-3/8 TBG. TAG CMT 6894. DRILL OUT 114' CMT TO DEPTH OF 7008. CIRC CLEAN. PULL 1 JNT. PRESS TEST INTERMEDIATE CSNG TO 500 PSI, HELD OK. DRILL OUT 127' TO DEPTH OF 7135'. PRESS TEST CSNG TO 1000 PSI, HELD OK. PMP 180 BBLs CLAY FIX H2O TO CIRC HOLE, TOH 4-3/4 BIT & COLLARS. RUN CBL, VDL, GR, CCL LOG FROM 1075 TO 7135. LOG W/1500 PSI. CEMENT TOP 1100'-7135, 90-95% BOND, PRESS TEST CSNG TO 3000 PSI, HELD OK. PERF AS FOLLOWS USING 4" GUNS, LOADED 1 SPF, 32 GRAM CHGS W/HOLE 0.51".

PERF: 6884, 6888, 6955, 6963, 6972, 6986, 7012, 7016, 7030, 7076, 7086, 7096, 7106.

TIH ON 2-3/8" TBG. TAG BTM 7135'. PRESS TEST SURFACE LINES TO 6000 PSI, HELD OK. PMP 48 BBLs H2O TO OBTAIN ISIP (1700). SCF N2 AVG RATE OF 11.6 BPM FLUID @ AVG PR OF 3880. STAGE SAND FROM 1 PPG TO 5 PPG. TOTAL OF 205,000# 20/40 & 12,000# 40/70 SAND IN FORMATION.

FLW WELL THRU 1/4" CHOKE FOR 8 HRS. CSNG PR 1600 CHG CHOKE TO 1/2", FLWING CSNG PR 200 PSI, FLWING CSNG PR 200. FLW WELL THRU 1/2" CHOKE FOR 14 HRS FLWING CSNG PR 125 PSI. BLW DWN WELL. RIG UP PMP & PMP 20 BBLs CLAY FIX H2O DWN CSNG. ND FRAC VALVE & NUBOPS. TIH WITH 1/2 MULESHOE, 1 JNT TBG & STRING FLOAT. PICK UP 226 JNTS 2-3/8 TBG. TAG FILL 7084. RIG DN HES N2 UNIT. CLEAN UP 51 FT SAND TO DEPTH OF 7135. TOH & STAND 2-3/8 TBG. RIG IN HES WIRELINE. RUN AFTER FRAC TRACER LOG USING 4" GUNS LOADED W/2 SPF, 120 DEGREE PHASING. SHOOT 7070-7110 - OK, 7026-7032 - OK, 7010-7018 - OK, 6954-6976 - OK, RIG DWN WIRELINE.

BLW DWN WELL THRU 2" LINE. PMP 40 BBLs TO KILL WELL. MAKE UP 1-7/16 OVERSHOT & TIH ON 2-3/8 TBG. RUN 2 STANDS & TAG BTM 7120. TOH W/110 STANDS. PMP 20 BBLs TO KILL WELL. FINISH TOH. RIG IN HES WIRELINE. FINISH PERF ZONE WITH 4" GUNS. PERF FROM 6883 - 6890. OK. RIG DWN WIRELINE. PMP 15 BBLs TO KILL WELL. TIH W/1-7/16 OVERSHOT. PMP 30 BBLs DWN TBG. TOH 110 STANDS. PMP 15 BBLs TO KILL WELL. FINISH TOH. BRK DWN 1-7/16 OVERSHOT & MAKE UP 4-1/4 OVERSHOT. PMP 15 BBLs TO KILL WELL. TIH 4-1/4 OVERSHOT. TAG FISH 7090. PMP 20 BBLs. FINISH TOH. DRAIN PMP & LINES. BLED OFF PRESS IN 1 HR TO 450 PSI. KILLED WELL W/30 BBLs, PU 6 3 3/8 DC & TIH W/110 STDS. HSCG PERF GUN & CABLE IN SHOE. TIH WITH 1/2 MULE, 1 JT, SN WITH F COLLAR, & LAND TBG @ 6893 FT. RU FLOW LINE.

TOH W/TBG & 1/2 MULE SHOE, RU WLE & RIH W/RBP & SET @ 6850 ROH & LOAD HOLE W/180 BBLs & PRESS TEST TO 3000 PSI. RIH & DUMPED BAILED 1 SXS OF SAND ON RBP SET @ 6850. NDBOP NU FRAC VALVE PRESS TEST TO 3000 PSI, HELD OK. RU WLE & RIH & PERF MV W/4" HSCG W/2 JSPP W/19.5 GRM .45 HOLE, 120 DEG PHASED, FROM:

5082-5086, 5004-5008, 4949-4951, 4944-4946, 4888-4892, 4866-4874, 4836-4852, 4808-4826,

FLUID LEVEL DROPPED TO 500 FT. RIGGED UP FRAC EQUIP & PRESS TEST LINES, PMP BALL OFF JOB W/175 BALLS & 9859 GAL WATER PERFS BROKE BACK FROM 2835 PSI, HIT BALL THREE TIMES, RIG DWN FRAC HEAD. RU WLE & RIH W/GR & JB & KNOCKED BALL OFF PERFS. ROH RECOVERED 69 BALLS OF WHICH 62 HAD HITS. RU FRAC HEAD & PRESS TEST. FRAC MV INTERVAL 4808-5086 W/BORAGEL FRAC, PMP 31034 GAL PAD FOLLOWED BY GEL W/12/20 SAND STAGED FROM 1 LB/GAL TO 6 LB/GAL TOTAL FLUID VOL=84606 GAL TOTAL SAND VOL=1680 SXS - AVG PRESS=525, AVG RATE=63 BPM 5 MIN SI=81 PSI 10 MIN SI=76 PSI, TOTAL LOAD TO RECOVER=99549 GAL=2370 BBLs, RIGGED DWN FRAC EQUIP. RU FLOW BACK TREE.

TOH TO 4811. TOH W/TBG, ND BOP NU FRAC VALVE. RIH & SET RBP @ 4771 ROH & FILLED CSG & PRESS TEST TO 3000 PSI, HELD OK. RIHAND DUMPED BAILED 1 SXS SAND ON RBP, RIH & PERF THE DK MEMEFEE & CLIFFHOUSE W/1 JSPP W/4" HSCG W/120 DEG PHASED, 19 GRAM CHARGE, .45 HOLE, PERF FROM:

4235, 4240, 4246, 4252, 4254, 4264, 4266, 4278, 4284, 4288, 4301, 4442, 4450, 4458, 4462, 4466, 4524, 4602, 4610, 4614, 4616, 4702, 4706, 4730, 4734.

RIGGED DWN WLE, RIGGED UP FRAC EQUIP, PRESS TEST LINES, HTGSM, PMP BALL OFF W/40 BALL & 7103 GAL SLICK WATER PRESS UP ON BALLS 3 TIMES TO 3500 PSI, RIGGED DWN FRAC EQUIP. RIGGED UP WLE, RIH W/GR & JB & KNOCKED OFF BALLS, DID NOT RECOVER ANY BALLS, NO FLAPER IN JB. RIGGED UP FRAC EQUIP, FRAC DWN CSG W/70 QUALITY FOAM & 16/30 SAND. PMP 9169 GAL PAD THEN STAGED IN 16/30 SAND FROM 1 LB TO 5 LB STAGES. TOTAL SAND=100,000 LBS, TOTAL FLUID=23776 GAL CLEAN - AVG BOTTOM HOLE RATE=30 BPM AVG N2 RATE=20,930 SCF/M AVG PRESS=2350 ISIP=2360 - 5 MIN=2028 - 10 MIN=2008, 15 MIN=2004, TOTAL LOAD TO REC=35611 GAL =848 BBLs, SHUT WELL IN RIGGED DWN FRAC EQUIP.

FLW WELL ON CLEAN UP FOR 48 HRS THRU 1/2" CHOKE. FLWING CSNG PR 125 PSI. RECOVERED 220 BBLs. BLW DWN WELL THRU 2-2" LINES. PMP 15 BBLs 2% CLAY FIX H2O DWN CSNG. ND FRAC VALVE & NUBOPS. TIH WITH 1/2 MULESHOE, 1 JNT 2-3/8 TBG & SEATING NIPPLE. TAG FILL 4792. TOH & LAY DWN 93 JNTS 2-3/8 TBG. LAND TBG 4227. NDBOPS & NUWH. RIG DWN PMP, TRANSFER FRAC H2O. RIG RELEASED.

MIRUSU 5/13/94. FINISH RU & LAY 3" RELIEF LINES. LAY DWN 52 JNT OF 2.375 IN TBG. LAND TBG ON SLIPS @ 4952 & SHUT IN CASING. RIG DWN & REL RIG 5/20/94.