

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #111	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN. ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 5540, Denver, Colorado 80217		8. FARM OR LEASE NAME Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 950' FNL & 1775' FWL NE NW (Unit C) At top prod. interval reported below Approx the same At total depth API # 30-039-22162		9. WELL NO. 113	
14. PERMIT NO. Mr. Barrick		DATE ISSUED 9-7-79	
15. DATE SPUDDED 12-26-79		16. DATE T.D. REACHED 1-9-80	
17. DATE COMPL. (Ready to prod.) 3-20-80		18. ELEVATIONS (DF, REB, ET, GE, ETC.)* 6705'GL; 6718'DF; 6719'KB	
19. ELEV. CASINGHEAD ---		10. FIELD AND POOL, OR WILDCAT W.Lindrith - Gallup/Dakota	
20. TOTAL DEPTH, MD & TVD 7337' TD		21. PLUG, BACK T.D., MD & TVD 7286' PB	
22. IF MULTIPLE COMPL., HOW MANY* 1		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7337' CABLE TOOLS ---	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7116'-7182' (OA); Gallup 6179'-6234' (OA) & 6022-6124' (OA)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR; DIL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	327'	12-1/4"
5-1/2"	17# & 15.5#	7335'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
NONE			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	7089'	NONE	
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHED SHEET			
32. ACID, SHOT, FRACTURE, ETC. SQUEEZE, ETC. DEPTH INTERVAL (MD) SEE ATTACHED SHEET APR 16 1980 OIL CON. COM. DIST. 3			
33. PRODUCTION			
DATE FIRST PRODUCTION 3-15-80	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		
DATE OF TEST 3-20-80	HOURS TESTED 24 hrs	CHOKE SIZE Adj.	PROD'N. FOR TEST PERIOD 74
FLOW. TUBING PRESS. 225#	CASING PRESSURE 225#	CALCULATED 24-HOUR RATE 74	OIL—BBL. 226
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY Rex Hitchcock	
35. LIST OF ATTACHMENTS 2 of #26 above and Daily Well History			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED W. A. Walther, Jr.		TITLE Operations Manager	

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

NMOCG

FARMINGTON DISTRICT
BY M. L. Kuchera

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 33, 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 33. 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 POROUS ZONES:			38. GEOLOGIC MARKERS		
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	NAME	MEAS. DEPTH	
				TRUE VERT. DEPTH	
NO CORES AND NO DST'S			Pictured Cliffs	2728'	
			Lewis Shale	2785'	
			Chacra	3560'	
			Base of Chacra	3710'	
			Mesaverde	4344'	
			Upper Mancos	5090'	
			Gallup	6017'	
			Greenhorn	6888'	
			Graneros	6953'	
			Dakota	7112'	
			Burro Canyon	7207'	
		Morrison	7318'		

31. PERFORATION RECORD

Dakota	7116' - 7182'	35 holes
	6280' (squeeze)	4 holes
	6170' (squeeze)	4 holes
	6000' (squeeze)	4 holes
Gallup	6179' - 6234'	38 holes
Gallup	6022' - 6124'	55 holes

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

7193'	350 gals 15% HCL
7116' - 7182'	97,000 gals 1% KCL wtr and 90,000# 20/40 mesh sand
6290'	250 gals 15% HCL
6280' (squeeze)	75 sxs Class "B" & .6% Halad-9
6180'	250 gals 15% HCL
6170' (squeeze)	125 sxs Class "B" & .6% Halad-9
6000'	250 gals 15% HCL
6000' (squeeze)	125 sxs Class "B" & .6% Halad-9
6179' - 6234'	1000 gals 15% HCL & 60 ball sealers
6179' - 6234'	67,000 gals 1% KCL wtr and 25,000# 100 mesh sand and 123,000# 20/40 mesh sand
6022' - 6124'	2000 gals 15% HCL & 80 ball sealers
6022' - 6124'	127,800 gals 1% KCL wtr and 50,000# 100 mesh sand and 246,000# 20/40 mesh sand



District Rocky Mountain		County or Parish Rio Arriba		State New Mexico	
Field W. Lindrich Gallup-Dakota		Lease or Unit Jicarilla		Well no. 113	
A.O. or W.O. No. 440973 & 440981		Title Drill & Equip		API # 30-039-22162	
NE NW 950' FNL & 1775' FWL, Section 8-24N-4W					
Operator ARCO Oil & Gas		A.R.Co. W.L. 100%		Total number of wells (active or inactive) on this lease center prior to plugging and abandonment of this well	
Spudded or W.O. begun Spudded		Date 12-26-79		Time 2:00 P.M.	
Date and depth as of 8:00 A.M.		Complete record for each day reported			

12-27-79	330	WOC & NU. Spudded @ 2:00 p.m. 12/26/79. Ran 8 jts 8-5/8", 24#, K-55, R3, ST&C csg & GS (332.87'). Ran baffle plate & 3 centralizers. Cmt'd w/300 sx Class "B" 2% CaCl ₂ , 1/4#/flocelle. PD @ 12:00 p.m. 12/26/79. Landed @ 327' KB. 1/2" @ 150; 3/4" @ 330; 120 RPM, 10M#. Mud: 8.9, vis 50. Bit #1, 12-1/4, Hughes, OSC3, made 330' in 5 hrs.
12-28-79	1500	Drlg. Press tst pipe & blind rams to 1000#, ok. 3/4" @ 840'; 1" @ 1300'. 90 RPM, 20M#. Mud: 8.8, vis 35, WL 5.8, FC 2/32, Sd tr, Salt 700, Ph 10.5, Oil 8%, Pv 16, Yld 4, Gels 0/1, Solids 3, Ca 120. Bit #2, 7-7/8, Smith, DT, made 970' in 11 hrs. (B#3).
12-29-79	2758	Drlg. Drld to 2244'. Trip for bit. Service rig & cut line. RIH & drl. 1-1/4" @ 1802' & 2244'; 1-1/2" @ 2680'. 90-65 RPM, 30M#. Mud: 9.0#, vis 43, WL 5.8, FC 2/32, Sd tr, Salt 550, Ph 9.5, Oil 7%, Pv 18, Yld 6, Gels 0/2, Solids 5, Ca 8. Bit #3, 7-7/8, Smith, DTG, made 944' in 9-1/2 hrs. (B#4).
12-30-79	3718	Drlg. 1" @ 3345'. 75 RPM, 45M#. Mud: 8.9#, vis 45, WL 4.4, FC 2/32, Sd tr, salt 600, Ph 9.5, Oil 6%, Pv 18, Yld 9, Gels 0/2, Solids 4%, Ca 40, (B#4).
12-31-79	4206	Drlg. 1-1/4" @ 3848'. 75 RPM, 45M#. Mud: 9.2#, vis 42, WL 4.8, FC 2/32, Sd tr, Salt 600, Ph 9, Oil 6%, Pv 16, Yld 8, Gels 0/2, Solids 6, Ca 40, (B#4).
1-1-80	4744	Drlg. 1-1/4" @ 4257'. 55 RPM, 45M#. Mud: 9.1, Vis 47, WL 6.4, FC 2/32, Sd tr, Salt 600, Ph 9.5, Oil 5%, Pv 18, Yld 9, Gels 0/2, Solids 5, Ca 40. (B#4.)
1-2-80	5106	Drlg. 1-1/4" @ 4750'. 75 RPM, 45M#. Mud: 9.2#, Vis 43, WL 6.8, FC 2/32, Sd tr, Salt 600, Ph 9.0, Oil 5%, Pv 16, Yld 8, Gels 0/2, Solids 5, Ca 40. Bit #4, 7-7/8", HTC, J-22, made 2551' in 76 hours. (B#5).
1-3-80	5698	Drlg. 1" @ 5264; 75 RPM, 45M#. Mud: 9.1#, vis 43, WL 6, FC 2/32, Sd tr, Salt 600, Ph 9, Oil 6%, Pv 17, Yld 9, Gels 0/2, Solids 5, Ca 40. (B#5).
1-4-80	6172	Drlg. 75 RPM, 45M#. Mud: 9.2, vis 44, WL 7.4, FC 2/32, Sd tr, Salt 600, Ph 9.0, Oil 6%, Pv 18, Yld 9, Gels 0/2, Solids 6%, Ca 40, LCM 3%. (B#5.)
1-5-80	6640	Drlg. 75 RPM, 45M#. Mud: 9.2, Vis 44, WL 5.5, FC 2/32, Sd 1/4, Salt 600, Ph 9, Oil 6%, Pv 15, Yld 5, Gels 0/2, Ca 40. (B#5).
1-6-80	7030	Drlg. 75 RPM, 45M#. Mud: 9.4, vis 40, WL 6, FC 2/32, Sd 1/4, Salt 300, Ph 9, Oil 6%, Pv 14, Yld 5, Gels 1/3, Solids 7%, Ca 60. (B#5.)
1-7-80	7260	Drlg. 2" @ 7162. 75 RPM, 45M#. Mud: 9.3#, vis 53, WL 50, FC 2/32, Sd 1/4%, Salt 350, Ph 9.0, Oil 6%, Pv 19, Yld 8, Gels 2/4, Solids 7%, Ca 60. Bit #5, 7-7/8, HTC, J-22, made 2367' in 114 hrs. (B#6).
1-8-80	7337	TD - Circ, cond, prep to run 5-1/2" csg. Circ'd 2-1/2 hrs & TOH to log. Ran DIL f/TD to btm of surf pipe & CNL-FDC GR- Caliper. No problems logging. TIH after logging. Circ & LD DP. 60 RPM, 40M#. Mud: 9.3#, vis 70, WL 6.0, FC 2/32, Sd 1/4%, Salt 400, Ph 8.5, Oil 6%, Pv 22, Yld 10, Gels 3/9, Solids 7%, Ca 80. Bit #6, 7-7/8, Smith, F-5, made 175' in 14-1/2 hrs.

1-9-80 7337 TD - RD & MORT. Ran 174 jts 5-1/2" csg: 32 jts 17# K-55 R3 ST&C (1390.54') & 142 jts 15.5# K-55 Rg 3, ST&C (5949.87'), GS, Auto fillup clr, stage tool (4.30'), total 7344.71' landed @ 7335' KB. 30 scratchers 20' spacing on jts 3,4,5,6,7,8 (6994-7256' Dakota) & 22, 23, 24, 25, 26, 27, 28, 29, 30 (6125-6434' Gallup) 20 centralizers on jts 1, 3, 4, 5, 6, 8, 10, 12, 15, 18, 21, 23, 25, 27, 29, 82, 84, 86, 88, 90. Cmt basket on jt #82. DV tool @ 3802' on top of jt #83. Cmt 1st stage w/1000 gals mud flush, 10 BW, 375 sx RFC Cl "H" cmt, 84 bbls slurry 15.9#/gal. Disp w/172 bbls wtr. Circ press 1500#. Bmpd plug w/2500#. Float held ok. PD @ 6:00 p.m. 1-8-80. Cmt 2nd stage w/1000 gals mud flush, 10 BW, 300 sx RFC Cl "H" cmt, 66 bbls slurry, 15.2#/gal, disp w/90.5 bbls wtr. Circ press 750#. Closed DV tool w/2250#. Closed DV tool @ 7:00 p.m., 1-8-80. Rig Released @ 10:00 p.m., 1-8-80.

1-10-80 7337 TD - WO Completion. Fin RD & Mort.
(Drop f/report until completion commences.)

2-14-80 7286 PB - Prep to perf & squeeze cmt. MIRU Big "A" Well Svce. NU tbg head & BOP. Unload & tally 2-3/8" tbg (245 jts). TIH w/4-3/4" bit & Baker csg scraper. Tag cmt @ 3781'. Drl DV tool @ 3802'. Fin TIH to 7286' PETD. Circ hole w/2% KCl wtr. POH. RU Welex. Run CBL & GR. Clr log w/var. density. Make field print & trip to town to transmit.
(Dropped f/report of 1-10-80.)

2-15-80 7286 PB - Prep to frac Dakota. Analyze log. Ran 231 jts 2-3/8" EUE tbg open ended to 7193'. Pulling in & spotting frac equip on location. RU & press tstd csg & BOP to 4000#, held ok for 5 min. Spotted 350 gals 15% HCl. POH. RU Welex & perf'd Dakota fm @ following depths: 7116', 18, 20, 22, 30, 31, 32, 33, 34, 43, 44, 45, 46, 47, 56, 57, 58, 60, 61, 62, 64, 65, 66, 68, 69, 70, 72, 73, 74, 76, 77, 78, 80, 81, 82 - 35 holes. Welex CBL log, dated 2-13-80 correl. to Schlum. CNL-FDC log dated 1-7-80.

2-16-80 7286 PB - Prep to perf & squeeze btm of Gallup. Frac Dakota 7116'-7182' w/97,000 1% KCl wtr, 90,000# 20-40 sd. Broke down 3500#. Trtd as follows:

20,000 gal	pad	44 B/M	3400#
18,000 gal	1/2#/gal	44 B/M	3500#
15,000 gal	1#/gal	44 B/M	3500#
16,000 gal	1-1/2#/gal	44 B/M	3450#
21,000 gal	2#/gal	37 B/M	3150#

Press increase to 3700#. Started flush @ 180 gal, press 4000#. Bled back to 3000#. Press to 4000#. Screened out. ISIP 3200#, 5 min 1800#; 10 min 1700#; 15 min 1650#. SI, waiting for sd to settle. Opened well to pit thru 2" line. Initial CHP 1325#, bled to 30# in 30 min. Rec 350 bbls wtr & 60-70 sx sd. Last rate 9 B/H flow back. No sd. RU Welex. RIH to 6800' w/dummy. Set HOWCO cast iron BP @ 6550'. Tst csg & BP & BOP to 4000# ok.

2-17-80 7286 PB - WOC. Prep to drl out. TIH to 6290'. Spot 250 gal 15% HCl. POH. Perf 4 holes 6280'. Set retainer @ 6225'. TIH w/tbg. Press csg to 1500#. Broke down fm @ 2600#. Rate 4 B/M @ 3800#. Mixed 50 sx Cl "B" neat cmt w/75 sx Class "B" w/0.6% Halad-9. Displ 23 bbls into fm, left 1 bbls in csg. Reversed out 2 bbls cmt. Final SI squeeze press 1600#. LD 1 std tbg. Spotted 250 gal 15% HCl @ 6180'. POH. Perf 4 holes 6170'. Set retainer @ 6125'. TIH w/tbg. Press csg to 1500#. Broke down @ 2100#. Rate of 3 B/M @ 3000#. Mixed 125 sx Cl "B" w/0.6% Halad-9. Displ 23 bbls into fm. Left 1 bbl cmt in csg, reversed out 2 bbls cmt. Final SI squeeze press 1950#. Completed job 9 p.m. 2-16-80. Layed down 2 stds tbg. Spotted 250 gals 15% HCl @ 6000'. POH. Perf 4 holes @ 6000'. Ran HOWCO RTTS pkr to 5688'. Press csg to 1500#. Broke dn @ 2300#. Rate 3 B/M @ 2800. Mixed 125 sx Class "B" cmt w/0.6% Halad-9. Displ 23 bbls into fm. Left 3 bbls in csg. Final SI squeeze press 1600#. Job complete 7 a.m. 2-17-80.

2-18-80 7286 PB - GIH to drl out cmt & retainers. POH w/RTTS pkr. WOC.

2-19-80 7286 PB - Prep to acidize Gallup perfs. TIH w/4-3/4" bit. Tagged cmt @ 5800'. CO to & drl cmt retainer @ 6125'. CO to retainer & drl up to 6225'. CO to 6491'. Circ hole clean w/1% KCl wtr. POH. Perf'd Gallup as follows: 6179'-81, 83, 85, 87, 88, 89, 91, 92, 93, 95, 96, 6200, 01, 02, 04, 05, 06, 08, 09, 10, 12, 13, 14, 16, 17, 18, 6220, 21, 22, 24, 26, 27, 28, 30, 32, 33, 34, (38 shots). Welex CBL meas. dated 2-13-80 correl to Schl. CNL-FDC log dated 1-7-80. TIH w/RTTS pkr to 6126'.

2-20-80 7286 PB - Prep to pull pkr & frac Gallup stage 2. Fin TIH to 6126'. Treat perfs w/1000 gals 15% HCl & 60 ball sealers. Fm broke @ 2600#, Trtd 6 BPM @ 2500#. Max press 3700# when balls hit. ISIP 1490#. Released pkr lowered tbg 2 stds to knock off ball sealers. POH. Frac Gallup stage 1 perfs 6179-6234' w/67,000 gals 1% KCl wtr, 25,000# 100 mesh sd, 123000# 20/40 mesh sd as follows

GALS	SD CONC	RATE	PRESS
5000	Pad	32 BPM	2000
5000	1#/gal (100 mesh)	32 "	1950
10000	2#/gal " "	32 "	2000
6000	1#/gal (20-40)	30 "	2000
10000	2#/gal " "	30 "	1850
10000	3#/gal " "	33 "	1750
8000	4#/gal " "	33 "	1700
7000	5#/gal " "	32 "	1640
6000	flush	32 "	2030

ISIP - 1300#; 5 mins SIP - 1200#; 10 min SIP - 1200#; 15 min SIP - 1200#. Welex set CISP @ 6150'. Perf'd Gallup stage 2 as follows: 6022', 23, 24, 25, 38, 39, 40, 41, 42, 43, 6058', 59, 60, 61, 67, 68, 69, 70, 71, 80, 81, 6082', 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 6100', 01, 02, 03, 06, 09, 10, 11, 12, 6118', 19, 20, 21, 22, 23, 24 - 55 shots. Welex CBL log meas. dated 2-13-80 correl. to Schl. CNL-FDC log dated 1-7-80. TIH w/RTTS pkr to 5876'. Treat w/2000 gals 15% HCl & 80 ball sealers. Fm broke @ 2200#, Trtd 5 BPM @ 1890#. ISIP - 1100#. Couldn't bleed back (communicated). Flwg to pit. Rec 101 bbls load wtr. Last hr flwg 18 bbls/hr.

2-21-80 7286 PB - Flwg back after frac. Flwg to pit rec 18 bbls load, last hr made 7 bbls, well died. POH w/RTTS pkr. TIH w/4-3/4" bit. Tagged BP @ 6150', no sd fillup. Frac treat Gallup perfs 6022' - 6124' w/127,800 gals 1% KCl wtr, 50,000# 100 mesh sd & 246,000# 20/40 mesh sd as follows:

Gals	Sd. Conc	Rate	PRESS
10,000	pad	41 BPM	2050#
10,000	1#/gal (100 mesh)	41 "	2050#
20,000	2#/gal " "	41 "	2000#
12,000	1#/gal (20/40 mesh)	40 "	1950#
20,000	2#/gal " "	40 "	1900#
20,000	3#/gal " "	40 "	1850#
16,000	4#/gal " "	40 "	2180#
14,000	5#/gal " "	39 "	2050#
5,800	Flush	38 "	2270#

ISIP - 1550#; 5 min SIP - 1350#; 10 min SIP - 1300#; 15 min SIP - 1300#. SI - WO gel to break. Opn well on 18/64" chk. CP 625#. Rec 54 bbls load wtr.

2-22-80 7286 PB - Circ sd @ 7286', Flwg to pit on 24"/64" chk. CP 50#. Rec 329 bbls load wtr. Flwg to pit on 3/4" chk. Rec 38 bbls load wtr. CP dec to 0 - well died. Total load rec 367 bbls wtr. Total accumulation load rec 872 bbls. Total load yet to rec 6075 bbls. TIH w/4-3/4" bit to 6150'. Drl out BP & CO to 6490'. Rmd & CO f/6490' to BP @ 6550'. Drl out BP 6550'. Cont'd TIH to 7026'. Washed & rmd sd to 7286'.

2-23-80 7286 PB - Circ hole clean. TIH w/228 jts 2-3/8" EUE 4.7# J-55 8 rd tbg, set @ 7089', SN @ 7058' KEM. ND BOP, NU tree pmpd out plug, RU swab. Made 3 swab pulls, fluid @ surface, well flwg. Flw to test tank, 2" open. Rec 399 BW, trace oil & gas, CP 100#. Total load rec 1472; to rec 5475.

2-24-80 7286 PB - Flw to tanks. Rec 480 BW & Oil; 98% wtr, 2% oil, good show gas. CP 575#. Load rec 1953 BW; yet to rec 4994 BW.

2-25-80 7286 PB - Prep to cont to flw well. Flwg to test tank thru open 2". Rec 338 bbls (90% wtr, 10% oil). CP 1075# @ 10:00 p.m., 2/22/80. Dec to 900# @ 6:00 p.m., 2-25-80. Last hr unloading in heads @ rate of 7 EPH. Total load rec last 24 hrs, 338 bbls - accum rec 2291 bbls. Load yet to rec 4656 bbls.

2-26-80	7286	PB - Prep to cont swb & flw f/clean-up. SI. CP inc to 101". Open on 3/4" chk. Flwd 30 min & died. Swbd f/4000'. Fluid scattered f/surface to 4000'. Rec 22 bbls (10% oil & 90% wtr). Flow on 3/4" chk. Rec 127 bbls (15% oil & 85% wtr). Max CP 1050#, min CP 800#. Swbg f/4500'. FL scattered f/surface to 3200'. Rec 47 bbls (40% oil & 60% wtr). CP 950# @ 6:00 a.m. 2-26-80. Total load last 24 hrs rec 196 bbls (39 oil & 157 wtr). Accum load rec 2448 bbls. Load yet to rec 4499 bbls.
2-27-80	7286	PB - Cont to swab & tst. Swbg f/SN. Fluid scattered f/surface to SN. Max CP 975#, min CP 600#. Rec 148 bbls fluid in 24 hrs (25% oil. 75% wtr). Accum load rec 2556 bbls. Load yet to rec 4391 bbls:
2-28-80	7286	PB - SI, WO pmpg equip. Swbg f/SN. FL scattered f/surface to SN. CP 975#-900#. Rec 55 bbls - 25% oil, 75% wtr. Total load rec 2606 bbls. Load yet to rec 4336 bbls. SI @ 6:00 p.m. 2-27-80. Rig released @ 6:00 p.m. 2-27-80.
2-29-80	7286	PB - SI. WO pmpg equip (DROP F/REPORT UNTIL PMPG EQUIP SET.)
3-20-80	7286	PB - <u>COMPLETED OIL WELL</u>, 3/20/80, Gallup/Dakota fm. Tst date 3/19/80. Pmpg TP 225#, CP 225#, 74 BOPD, 226 MCFD, 34 BWPD (frac). Oil gravity 44.6° API @ 60° F. GOR 3054:1. Pmpg thru adj chk, 1-1/2" bore pmp, 86" stroke, 8 strokes/min f/Dakota perfs 7116-7182', Gallup perfs 6179-6234' & 6022-6124'. LPP 6234'.