

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R55.5.

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 --- 30-039-22155																
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 650' FNL & 650' FEL (NE NE) Unit A At top prod. interval reported below At total depth Approx the same API # 30-039-22155		9. WELL NO. 110																
14. PERMIT NO. Mr Barrick		12. COUNTY OR PARISH Rio Arriba																
DATE ISSUED 8-30-79		13. STATE New Mexico																
15. DATE SPELDED 2-14-80	16. DATE T.D. REACHED 3-5-80	17. DATE COMPL. (Ready to prod.) 5-25-80	18. ELEVATIONS (DF, REE, RT, GR, ETC.)* 6802' GL; 6815' DF; 6816' KB															
20. TOTAL DEPTH, MD & TVD 7465' TD	21. PLUG, BACK T.D., MD & TVD 7422' PB	22. IF MULTIPLE COMPL., HOW MANY* 1	23. INTERVALS DRILLED BY ROTARY TOOLS 0-7465'															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dkoota 7254'-7322'; Gallup 6366'-6399' & 6268'-6297'			25. WAS DIRECTIONAL SURVEY MADE NO															
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DIL; CBL			27. WAS WELL CORED YES															
28. CASING RECORD (Report all strings set in well) <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-5/8"</td><td>24#</td><td>299'</td><td>12-1/4" BY</td><td>NONE</td></tr><tr><td>5-1/2"</td><td>17# & 15.5#</td><td>7465'</td><td>7-7/8"</td><td>NONE</td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	8-5/8"	24#	299'	12-1/4" BY	NONE	5-1/2"	17# & 15.5#	7465'	7-7/8"	NONE
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31. PERFORATION RECORDED (Interval, size and number) Dakota 7254'-7322' 29 holes 6440'-6441' 4 holes Gallup 6366'-6399' 20 holes 6268'-6297' 17 holes																		
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold																		
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 DATE 6-4-80																

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

NWMOCC

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: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (SED. TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand	7255'	7292'	Recov'd 38.4', Md, f, grn, sh lam	Pictured Cliffs	2865'	
Sand	7292'	7315'	Recov'd 21.8', Lt gry, f, grn, sh lam, Vfrac	Lewis Shale	2954'	
				Chacra	3727'	
				Base of Chacra	3875'	
				Mesaverde	4518'	
				Upper Mancos	5241'	
				Gallup	6197'	
				Greenhorn	7030'	
				Graneros	7093'	
				Dakota	7250'	
				Burro Canyon	7348'	
				Morrison	7452'	
NO DST'S						

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

7330'	350 gals 7-1/2% HCL-MSR
7254'-7322'	93,000 gals 1% KCL & 86,000# 20/40 mesh sand
6450'	150 gals 7-1/2% HCL-MSR
6418'	150 gals 7-1/2% HCL-MSR
6418'(squeeze)	125 sxs Class "B" w/.6% FLAC
6366'-6399'	2000 gals 7-1/2% HCL-MSR & 40 ball sealers
6366'-6399'	79,000 gals gel wtr + adds & 15,000# 100 mesh sand & 145,000# 20/40 mesh sand
6268'-6297'	2000 gals 7-1/2% HCL
6268'-6297'	79,000 gals gel wtr & 15,000 # 100 mesh sand & 145,000# 20/40 mesh sand

R3 (303.79') GS, 1 centralizer landed @ 299' RB. (12 to 13' in 1 hr.)
w/300 sx Cl "B" 2% CaCl₂, 1/4# Flocele/sx. Circ 5 bbls slurry. PD @
midnite, 2/14/80. 3/4" @ 290' 120 RPM, 10M#. Mud: 8.8, vis 50, Bit #1,
12-1/4 Hughes OSC 3, made 303' in 4 hrs.

2-16-80 1670 Drlg. 3-1/2" @ 1436'; 90 RPM, 30M#. Mud: 8.9#, vis 36, WL 7.2, FC 2/32,
Sd tr, Salt 450, Ph 8.5, Oil 6%, Pv 6, Yld 1, Gels C/O, Solids 3, Ca 80.
Bit #2, 7-7/8" HTC OSC-3, made 1133' in 12 hrs. (B#3.)

2-17-80 2298 Drlg. 3-1/2" @ 1870'; 3" @ 2038'. 80 RPM, 20M#. Mud: 8.9#, vis 40, WL
4.4, FC 2/32, Sd tr, Salt 600, Ph 8.5, Oil 6%, Pv 18, Yld 6, Gels 3/8,
Solids 4, Ca 80. Bit #3, 7-7/8" HTC OSC-1G, made 612' in 13-1/2 hrs.
(B#4.)

2-18-80 2908 Drlg. 2-3/4" @ 2564'. 68 RPM, 30M#. Mud: 9.2#, vis 40, WL 5.2, FC 2/32,
Sd tr, Salt 450, Ph 8.5, Oil 6%, Pv 18, Yld 4, Gels 1/3, Solids 6, Ca 80.
(B#4.)

2-19-80 3355 Drlg. 1-3/4" @ 3127'. 68 RPM, 30M#. Mud: 8.9#, vis 40, WL 5, FC 2/32, Sd
tr, Salt 600, Ph 8.5, Oil 6%, Pv 18, Yld 6, Gels 1/2, Solids 4%, Ca 60.
(B#4.)

2-20-80 3805 Drlg. 1-1/2" @ 3707'. 68 RPM, 40M#. Mud: 9.1#, vis 38, WL 5.2, FC 2/32,
Sd tr, Salt 650, Ph 8.5, Oil 6%, Pv 16, Yld 3, Gels 1/1, Solids 5%,
Ca 60. (B#4.)

2-21-80 4177 Drlg. 68 RPM, 40M#. Mud: 9.1#, vis 39, WL 5.4, FC 2/32, Sd tr, Salt 400,
Ph 8.5, Oil 6%, Pv 16, Yld 4, Gels 1/2, Solids 5%, Ca 100. (B#4.)

2-22-80 4485 Drlg. 1-1/4" @ 4250'. 68 RPM, 40M#. Mud: 9.1#, vis 38, WL 5.2, FC 2/32,
Sd tr, Salt 450, Ph 8.5, Oil 6%, Pv 14, Yld 4, Gels 1/2, Solids 5, Ca 60.
Bit #4, 7-7/8" Hughes J-22, made 2202' in 101-1/2 hrs. (B#5.)

2-23-80 4960 Drlg. 1-1/4" @ 4250'; 70 RPM, 40M#. Mud: 9.1#, vis 40, WL 6.8, FC 2/32,
Sd tr, Salt 500, Ph 8.5, Oil 6%, Pv 14, Yld 4, Gels 1/2, Solids 6%,
Ca 80. (B#5.)

2-24-80 5372 Drlg. 1" @ 5364; 70 RPM, 40M#. Mud: 9.0#, vis 40, WL 6.4, FC 2/32, Sd tr,
Salt 500; Ph 8.5, Oil 6%, Pv 16, Yld 5, Gels 1/3, Solids 5%, Ca 120.
(B#5.)

2-25-80 5765 Drlg. 1" @ 5364'; 70 RPM, 40M#. Mud: 9.0#, vis 40, WL 6.8, FC 2/32, Sd tr.,
Salt 600, Ph 8.5, Oil 6%, Pv 15, Yld 4, Gels 1/2, Solids 5%, Ca 100.
(B#5.)

2-26-80 6025 Drlg. Drld to 5840' & made trip for hole in DP, had sudden press loss.
Found hole 2' below tool jt. 40 stds down about 2460' f/top. 70 RPM,
40M#. Mud: 9.1#, vis 40, WL 6.4, FC 2/32, Sd tr, Salt 600, Ph 8.5,
Oil 6%, Pv 14, Yld 4, Gels 1/1, Solids 5%, Ca 120. (B#5.)

2-27-80 6320 Drlg. 1-1/2" @ 5685; 70 RPM, 40M#, Mud: 9.1#, vis 45, WL 8.5, FC 2/32,
Sd tr, Salt 500, Ph 8.5, Oil 6%, Pv 14, Yld 4, Gels 0/1, Solids 6%, Ca 80.
(B#5.)

2-28-80 6525 Drlg. 1" @ 6487; 65 RPM, 40M#. Mud: 9.1#, vis 40, WL 5.8, FC 2/32, Sd 1/4,
Salt 600, Ph 8.5, Oil 6%, Pv 15, Yld 4, Gels 1/1, Solids 8%, Ca 60, LCM
3%. Bit #5, 7-7/8" HTC, J-22, made 2259' in 134-1/2 hrs. (B#6.)

2-29-80 6955 Drlg. 65 RPM, 40M#. Mud: 8.9#, vis 42, WL 6.8, FC 2/32, Sd tr, Salt 750,
Ph 8.5, Oil 6%, Pv 14, Yld 3, Gels 0/1, Solids 6%, Ca 40, LCM 1%. (B#6)

3-1-80	7227	RIH. Several inserts missing. PU junk sub. 1/2" @ 7227; 65 RPM, 40M#. Mud: 9.0#, vis 48, WL 6.5, FC 2/32, Sd tr, Salt 650, Ph 8.5, Oil 6%, Pv 15, Yld 3, Gels 0/1, Solids 6%, Ca 40. Bit #6, 7-7/8, HTC, J-22, made 718' in 41-1/2 hrs. (B#7.)
3-2-80	7292	POH w/CB. RIH, clean btm of hole. Core point @ 7255 KB @ 11:15 p.m. 3/1/80. OFF FOOTAGE. Cond mud. POH. Repaired cat head. PU CB. Rec 1-J-22 insert from junk sub. RIH w/CB. Cut 37' of core. Lost 200# pressure. Possible jammed CB. POH w/core. 65 RPM, 18M#. Mud: 9.3#, vis 47, WL 6, FC 2/32, Sd tr, Salt 700, Ph 8.5, Oil 6%, Pv 16, Yld 4, Gels 0/1, Solids 6%, Ca 60. Bit #7, 7-7/8 Smith, F-5, made 28' in 2-1/2 hrs. Bit #8, 7-7/8" Chris. MC-20, made 37' in 5-1/4 hrs.
3-3-80	7315	Trip in w/bit. Fin POH w/Core #1 7255-7292' cut & rec'd 38.4'. Reran CB & cut Core #2 7292-7315, cut 22, rec 21.8'. 65 RPM, 18-22M#. Mud: 9.1#, vis 48, WL 6.2, FC 2/32, Sd tr, Salt 550, Ph 8.5, Oil 6%, Pv 18, Yld 4, Gels 0/1, Solids 6%, Ca 40. Bit #8, 7-7/8" Christ MC20, made 60' in 15 hrs. (B#9).
3-4-80	7465	POH to log, Morrison fm. Rm'd thru core hole & resumed drlg. Lost 15-20 BM 7455-TD. No loss while circ f/log 2-1/2 hrs. Strt POH w/no trouble. 45 RPM, 40M#. Mud: 9#, vis 63, WL 6.4, FC 2/32, Sd-tr, salt 500, Ph 8.5, Pv 18, Yld 5, Gels 3/12, solids 6%, Ca 65, oil 6%. B#9, 7-7/8", RR Sm., F-5, made 150' in 11-1/2 hrs.
3-5-80	7465	TD - TIH to LD DP, Morrison fm. Fin POH to log. RU Sch. DIL log stopped @ 6312'. Unable to work thru. WIH w/bit & DP, hit bridge @ 6321-10,000# to get thru, bridge @ 6697' took all wt. Worked thru. Cont'd to btm - no fill on btm. Cond mud 4 hrs, made short trip 25 stds, OK. POH to log. RU Sch & ran DIL w/SFL, FDC & CNL & GR. Cyberlook WLTD 7466'. RD Sch & strtd in hole w/DP. RR B#9, 7-7/8", Sm., F-5, made 150' in 11-1/2 hrs. Mud: 9.1+, vis 68, WL 5.8, FC 2/32, SD-tr, salt 600, Ph 8.5, Pv 22, Yld 8, Gels 3/15, Solids 5%, Ca 40, Oil 6%
3-6-80	7465	TD - RDRT. Ran total 182 jts 5-1/2" K-55 17.0 & 15.5 ST&C R-3 csg w/DV tool & diff FC & shoe, for total of 7470.56' (37 jts 17.0#, 1395.02' & 145 jts 15.5# 6069.04'). Tagged btm @ 7470.56' RKB w/FC @ 7434.68' & DV clr @ 3970.89'. Ran ctrlzrs on jts 1 thru 8, 26 thru 32, jt 34 & on 88 thru 91; and 30 scrathrs @ 2/jt on 3 thru 8, and on 25 thru 33. Positioned cmt bkts on jts 85 and 86. Dowell cmts 1st stage w/1000 gals mud flush, 10 BW foll by 550 sx 50/50 Poz w/2% gel & 3/4% D-65 & 18% salt (128 bbls slurry @ 13.8 ppg). Displ'd cmt w/176.5 bbls wtr w/gd returns during job. Worked csg while displ'g & bmpd plug @ 11 pm 3/5/80 w/1400 psig. Float held OK. Opn'd DV tool & circ f/ 1-1/2 hrs, then cmt'd w/1000 gals mud flush, 10 BW & 500 sx RFC cmt (142 bbls @ 14.2 ppg). Displ'd using 94 BW w/closing plug dn @ 2:05 am 3/6/80 w/2300 psig & w/gd returns thruout job. Cut off csg, landed csg on slips & RR 5:00 a.m. 3/6/80.
3-7-80	7465	TD - WO completion. Rig moved off. (Drop f/report until completion commences.)
4-5-80	7465	TD - MI & RU. Prep to SD f/Sunday.
4-6-80	7465	TD - Prep to SD. MI & RU Big "A" Well Service 3 hrs. Unloaded tbg. Tallier same. TIH w/bit. DV tool @ 3971'. Drld DV tool. TIH to fill @ 7400'. (7435' PB) LD 4 stds. Shut ram & secured well to SD f/Sunday.
4-7-80	7435	PB - Prep to run CBL. SD f/Sunday.
4-8-80	7435	PB - Prep to spt acid & perf Dakota. CO to 7422'. Circ hole w/1% KCl wtr. POH. RU Blue Jet. Ran CBL w/GR & Var Dens log. Press'd up to 1000# & reran logs f/7422-6000'. Print up logs & analyze. TIH.

4-9-80	7435	PB - WOC. Press tst csg to 4000#, held OK 5 min. Sptd 350 gals 7-1/2% HCl-MSR mud & silt remover @ 7330'. POH. Perf'd Dak @ foll'g: 7254', 55', 56', 57', 58', 69', 71', 72', 73', 74', 82', 83', 84', 99', 7300', 01', 02', 03', 04', 05', 06', 08', 10', 16', 18', 19', 20', 21', 22' (29 shots). All meas Blue Jet CBL log dtd 4/7/80, correl to Schl FDC-CNL log dtd 3/4/80. Frac w/ 93,000 gals 1% KCl wtr, 86,000# 20/40 sd, Fm brk @ 3400#. 19,000 gals pad, 40 BPM, 2800#; 17,000 gals, 1/2# sd/gal, 37 BPM, 3100#; 15,000 gals, 1# sd/gal, 38 BPM, 3000#; 15,000 gals, 1 1/2# sd/gal, 39 BPM, 3000#; 20,000 gals, #2 sd/gal, 39 BPM, 3000#; 7,000 gals flush, 38 BPM, 3100#. ISIP 2300#. Set CIBP @ 6700'. Dmpd 3 sx sd on top BP. TIH w/tbg to 6450'. Sptd 150 gals 7-1/2% HCl-MSR. POH. Perf'd 4 holes @ 6440-6441'. Set Bkr cmt retainer @ 6418'. TIH w/tbg & seal assembly to 6418'. Sptd 150 gals 7-1/2% HCl-MSR. Stung into cmt retainer. Fm brk @ 2200#. Mixed 125 sx Cl "B" w/.6% FLAC. Sq'd w/max & final press of 2200#. Displ'd 23 bbls cmt slurry thru perfs. Left 1/2 bbl cmt in csg. Rev'd out 2-1/2 bbls cmt. JC 5:00 am 4/9/80. POH.
4-10-80	7435	PB - Prep to perf 1st Gallup & frac. WOC. RU Blue Jet to perf 1st Gallup zone.
4-11-80	7435	PB - WO Dowell & prep to frac. Perf'd Gallup 6366', 67', 68', 69', 71', 72', 76', 77', 78', 79', 82', 83', 89', 91', 93', 95', 96', 97', 98', 99' (20 holes). Meas f/Blue Jet CBL GR log dtd 4/7/80 correl'd to Sch CNL-FDC log dtd 3/4/80. TIH w/Bkr retriev & set @ 6324'. Trt perfs w/2000 gals 7-1/2% HCl-MSR & 40 ball sealers. Fm brk @ 3700#. Trtd @ 5 BPM @ 2900#. Balled off. Run 4 jts tbg & knock balls off. POH. Dowell frac'd perfs w/79,000 gals gel wtr & 160,000# sd as foll: 3,000 gals pre-pad, 30 BPM, 2700#; 14,000 gals pad, 30 BPM, 2700#; 6,000 gals, 2-1/2# sd/gal, 30 BPM, 2500#; 5,000 gals, 1# sd/gal, 30 BPM, 2400#; 10,000 gals, 2# sd/gal, 30 BPM, 2350#; 25,000 gals, 3# sd/gal, 30 BPM, 2200#; 5,000 gals, 4# sd/gal, 30 BPM, 2100#; 5,000 gals, 5# sd/gal, 30 BPM, 1850#; 6,000 gals flush. All frac fld contained 2% KCl, 2#/1000 gals M38W & .25 gals/1000 gal M76 bacteriacide. ISIP 1300#, 5 min SIP 1200#, 10 min SIP 1100#. Avg 30 BPM @ 2380#. Set BP @ 6350'. Tst to 4000#, OK. Perf'd @ 6268', 69', 70', 71', 72', 73', 74', 85', 86', 87', 88', 89', 93', 94', 95', 96', 97' (17 holes). Meas f/Blue Jet CBL GR log dtd 4/7/80 correl'd to Sch CNL-FDC log dtd 3/4/80. After 1st shot, CP 300#. WO Dowell, CP still 300#.
4-12-80	7435	PB - Prep to DO BP & CO to TD. Spearhead 2000 gals 7-1/2% HCl @ 6 BPM 1400#. Frac 2nd Gallup zone w/79,000 gals Dowell gelled wtr & 15,000# 100 mesh sd, 14500# 20/40 sd. Trtd as foll: 3,000 gals prepad, 25 BPM, 2300#; 14,000 gals pad, 25 BPM, 2400#; 6,000 gals, 2-1/2# sd/gal (100), 25 BPM, 2200#; 5,000 gals, 1# sd/gal (20/40), 26 BPM, 2200#; 10,000 gals, 2# sd/gal (20/40), 28 BPM, 2100#; 25,000 gals, 3# sd/gal (20/40), 28 BPM, 1900#; 5,000 gals, 4# sd/gal (20/40), 26 BPM, 1950#; 5,000 gals, 5# sd/gal (20/40), 27 BPM, 1900#; 6,000 gals flush, 24 BPM, 2300#. ISIP 1500#, 5 min SIP 1100#, 10 min SIP 1100#. WO gel to brk. Opn well on 18/64" chk, CP 950#. Flwd back 13 1/2 BFW. CP decr'd to 100#. RIH w/tbg & 4-3/4" bit. Tag BP @ 6350'. Drld on BP.
4-13-80	7435	PB - Cont flwg back to rec frac fld. Drld BP @ 6350'. Drld cmt retainer 6418'. Drld BP @ 6700'. CO to PBID @ 7422'. Circ hole & POH. Ran 232 jts 2-3/8" EUE tbg (7205'), set @ 7219' KB w/SN @ 1 jt off btm @ 7189'. ND BOP, NU tree. Flw on 18/64" chk. Well died. Opn on full 2", rec'd 207 BLW. CP 250#. Load rec'd 207 bbls. Total load rec'd 342 bbls. Load yet to recover 5634 bbls.
4-14-80	7435	PB - To cont to flw bk frac wtr. Flwg thru full 2" to pit. Rec'd 391 BLW w/tr oil & show gas. CP incr'd f/250-700#. Total load rec'd to date 733 BW. Frac wtr yet to rec 5243 bbls.
4-15-80	7435	PB - Cont to swb. Flwg 2" opening. Rec'd 189 BLW w/sli show oil & gas. CP incr'd 700-1000#. Flw rate decr'd to 3 BPH. Swbg f/SN. Fld scattered f/SN to surf. Rec'd 106 BLW. Total rec'd last 24 hrs 295-BLW. Acc load rec'd 1028 bbls. Load yet to rec 4948 bbls.

4-16-80	7435	PB - To cont swb & flwg f/clean up. Swbg f/SN. Fld scattered f/SN to surf. Rec'd 70 BFF. Show oil & gas. CP 1000#. Flwg thru full 2" opn'g. Rec'd 106 BLW. Show oil, CP 1250#. Swbg. Rec'd 121 bbls - 10% oil & 90% wtr. CP 1225#. Flwg on full opn 2". Rec'd 35 bbls - 10% oil & 90% wtr. CP 1300#. Load rec'd last 24 hrs - 332 bbls. Total load rec'd to date - 1360 bbls. Load wtr yet to recover - 4616 bbls.
4-17-80	7435	PB - Prep to SI. Flw thru 2" opn line. CP 1300#. Rec'd 17 BLW. Sli show oil & gas. Swb f/SN. Fld scattered f/surf. Rec'd 35 BLW. CP 1275#. Instl chk. Flw 32/64". Rec'd 100 BLW. CP 1150#. Well died. Swb f/SN. Rec'd 7 BLW. CP 1100#. Flwg thru 2" opn pipe. Rec'd 123 BLW. CP 775#-1100#. Last 24 hrs rec'd 275 BLW. Total cum load wtr rec'd 1675 bbls. Load yet to rec 4341 bbls.
4-18-80	7435	PB - Well SI.
4-19-80	7435	PB - Well SI. <u>Drop f/report until pmp is run.</u>
5/26/80	7435	PB - PFT. Pmpd 40 BO in 24 hrs, oil grvty 40.8 API @ 60°F, 15 BW in 24 hrs est, 169 MCFD gas meas. GOR 2445:1, TP 150#, CP 150#.
5/27/80		PB - FFT.
5/28/80	7435	PB - <u>COMPLETED OIL WELL</u> , 5/25/80, Gallup-Dakota fm. On 24 hr tst dtd 5/25/80 pmpd 40 BO, 15 BW & 169 MCFD f/Dakota perms 7254-7322' & Gallup perms 6366-6399' & 6268-6297'. API Oil gvty 40.8° @ 60°F; GOR 4225:1, TP 150#, CP 150#, LPP 7322'.