

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions 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 ☐									
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐								
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company														
3. ADDRESS OF OPERATOR P. O. Box 5540, Denver, Colorado 80217														
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 750' FNL & 2100' FWL (NE NW) Unit C At top prod. interval reported below Approx the same At total depth API # 30-039-22112														
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH										
Mr. Barrick		8-8-79		Rio Arriba										
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*								
1-9-80		1-25-80		3-31-80		6774'GL; 6787'DF; 6788'KB								
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY								
7469' TD		7422' PB		1		0-7469'								
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE								
Dakota 7242'-7311'; Graneros 7094'-7109'; Gallup 6363'-6421' & 6195'-6307'						NO								
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; CNL-FDC/GR; CBL						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								
8-5/8"	24#	298'	12-1/4"	300 SXS		NONE								
5-1/2"	17# & 15.5#	7466'	7-7/8"	700 SXS		NONE								
29. LINER RECORD														
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD									
NONE					SIZE	DEPTH SET (MD)								
					2-3/8"	7189'								
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE CEMENTS, ETC.										
SEE ATTACHED				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL (MD)</td> <td>AMOUNT OF MATERIAL USED</td> </tr> <tr> <td>SEE ATTACHED</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>			DEPTH INTERVAL (MD)	AMOUNT OF MATERIAL USED	SEE ATTACHED					
DEPTH INTERVAL (MD)	AMOUNT OF MATERIAL USED													
SEE ATTACHED														
33.* PRODUCTION														
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)									
3-22-80		Flowing			Producing									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.								
3-27-80	24 hrs	Adj	→	40	204	20(frac)								
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)								
150#	150#	→	40	20	20	48.4° @ 60° F								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY								
TO BE SOLD						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			DATE APR 17 1980									

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

NMOCC**APR 17 1980**

FARMINGTON DISTRICT

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: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	NO CORES	AND NO DST'S		Pictured Cliffs	2880'	
				Lewis Shale	2948'	
				Chacra	3726'	
				Base of Chacra	3874'	
				Mesaverde	4515'	
				Upper Mancos	5238'	
				Gallup	6192'	
				Greenhorn	7012'	
				Graneros	7074'	
				Dakota	7238'	
				Buero Canyon	7338'	
				Morrison	7446'	

31. PERFORATION RECORD

	7220' (squeeze)	4 holes
Dakota	7242' - 7312'	34 holes
Graneros	7094' - 7109'	16 holes
	6180' (squeeze)	4 holes
Gallup	6363' - 6421'	28 holes
Gallup	6195' - 6307'	23 holes

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

7233' (squeeze)	250 gals 15% HCL
7233' (squeeze)	125 sxs Class "B" w/.6% Halad-9
7422'	350 gals 15% MCA
7242' - 7312'	89,000 gals 1% KCL & 82,000# 20/40 mesh sand
7094' - 7109'	42,900 gals 1% KCL & 36,000# 20/40 mesh sand
6189' (squeeze)	200 gals 15% HCL
6180' (squeeze)	125 sxs Class "B" w/.6% Halad-9
6363' - 6421'	1000 gals 15% HCL & 56 ball sealers
6363' - 6421'	Halliburton 40# versigel in 1% KCL wtr w/25,000# 100 mesh sand and 123,000# 20/40 mesh sand
6195' - 6307'	Halliburton 40# versigel w/2000 gals 15% HCL, 50,000# 100 mesh sand and 246,000# 20/40 mesh sand

District	County or Parish		State
Rocky Mountain	Rio Arriba		New Mexico
Field	Lease or Unit	Well no.	
W. Lindrich Gallup-Dakota	Jicarilla	109	
Auth. or W.O. no.	Title	API 30-039-22112	
441031 & 441040	Development		
Loc.: NE NW 750' FNL & 2100' FWL, Section 5-24N-4W			
Operator			A.R.Co's W.I.
ARCO Oil & Gas Company			100%
Spudded or W.O. begun	Date	Hour	Prior status if a W.O.
Spudded	1-9-80	8:00 p.m.	
Date and depth as of 8:00 a.m.	Complete record for each day reported		
1-10-80	306	WOC. Spudded @ 8:00 p.m., 1/9/80. Ran 8 jts 8-5/8" 24# K-55, ST&C, GS & 3 cent (302.54') landed @ 298' KB. Cmt'd w/300 sx Cl "B", 2% CaCl, 1/4# flocele/sx. 66 bbls slurry disp w/16.5 bbls wtr. PD @ 5:30 a.m., 1/10/80. Circ 15 bbls cmt. 1" @ 302'. 120 RPM, 2-12M#. Mud: 8.8#, vis 60, Bit #1, 12-1/4, Smith, DT, made 306' in 5 hrs.	
1-11-80	1417	Trip f/bit #3. Press tstd blind & pipe rams to 1000#, ok. 1" @ 805' & 1417'. 90 RPM, 20M#. Mud: 8.8#, vis 38, WL 5.2, FC 2/32, Sd tr, Salt 350, Ph 10.0, Oil 8%, Pv 18, Yld 8, Gels 1/2, Ca 80, Solids 3%. Bit #2, 7-7/8, Smith, DT, made 1417' in 10-1/2 hrs. (B#3).	
1-12-80	2421	Tripping. 3/4" @ 2231' & @ 2421'. 75 RPM. 30M#. Mud: 8.9# vis 43, WL 7.2, FC 2/32, Salt 500, Ph 9.5, Oil 8%, Pv 12, Yld 8, Gels 0/1, Ca 60. Bit #3, 7-7/8 STC DG, made 1004' in 17 hrs (B#4).	
1-13-80	3194	Repairing Rotary Drive. 1/2" @ 2895'. 75 RPM, 35M#. Mud: 8.9, vis 42, WL 6.2, FC 2/32, Sd tr, Oil 6%, Pv 15, Yld 5, Gels 0/2, Ca 120. (B#4).	
1-14-80	3738	Drlg 1/4" @ 3400'. 75 RPM, 42M#. Mud: 8.9, vis 38, WL 5.2 FC 2/32, Sd tr, Salt 500, Ph 8.5, Oil 6%, Pv 12, Yld 4, Gels 0/1, Solids 5%, Ca 80. (B#4).	
1-15-80	4380	Drlg. 1/2" @ 3937'. 75 RPM, 45M#. Mud: 9.0#, vis 38, WL 6.0, FC 2/32, Sd tr, salt 400, Ph 8.5, Oil 6%, Pv 14, Yld 5, Gels 0/2, Solids 5%, Ca 40, (B#4).	
1-16-80	4783	Cut drlg line. Roads into location extremely muddy & 4-wheel drive vehicles are getting stuck. 1/2" @ 4565'; 1/4" @ 4783'. Mud: 9.1#, vis 46, WL 6.2, FC 2/32, Sd tr, Salt 450, Ph 8.5, Oil 6%, Pv 18, Yld 6, Gels 3/8, Solids 6%, Ca 60, 75 RPM, 45M#. Bit #4, 7-7/8, Hughes J-22, made 2362' in 81 hrs.	
1-17-80	5186	DRLG. 60 RPM, 40M#. Mud: 9.0, vis 42, WL 6.8, FC 2/32, Sd tr, Salt 400, Ph 9.5, Oil 6%, Pv 8, Yld 4, Gels 0/2, Solids 5%, Ca 80. (B#5).	
1-18-80	5540	Drlg. 65 RPM, 42M#. Mud: 9.2#, vis 40, WL 5.4, FC 2/32, Sd tr, Salt 350, Ph 9.0, Oil 6%, Pv 10, Yld 4, Gels 0/1, Solids 6%, Ca 80, (B#5).	
1-19-80	5945	Drlg. 65 RPM, 45M#. Mud: 9.1#, vis 42, WL 5.2, FC 2/32, Sd tr, Salt 400, Ph 8.5, Oil 6%, Pv 14, Yld 6, Gels 2/5, Solids 6%, Ca 80. (B#5).	
1-20-80	6344	Drlg. 1/2" @ 5998', 65 RPM, 45M#. Mud: 9.2, vis 46, WL 5.4, FC 2/32, Sd tr, Salt 350, Ph 8.9, Oil 5%, Pv 15, Yld 6, Gels 2/5, Solids 6%, Ca 120. (B#5.)	
1-21-80	6672	Drlg. 65 RPM, 45M#. Mud: 9.2#, vis 40, WL 5.0, FC 2/32, Sd tr, Salt 400, Ph 8.5, Oil 6%, Pv 12, Yld 4, Gels 0/2, Solids 6%, Ca 120. (B#5.)	
1-22-80	7083	Drlg, 65 RPM, 45M#. Mud: 9.2#, vis 46, WL 4.6, FC 2/32, Sd tr, Salt 350, Ph 8.5, Oil 6%, Pv 14, Yld 4, Gels 0/2, Solids 6%, Ca 140. (B#5).	
1-23-80	7241	Drlg. 3/4" @ 7100'. 65 RPM, 45M#. Mud: 9.2#, vis 50, WL 4.8, FC 2/32, Sd tr, Salt 400, Ph 8.5, Oil 5%, Pv 10, Yld 4, Gels 0/1, Solids 6%, Ca 120. Bit #5, 7-7/8 Hughes J-22, made 2317' in 121-1/2 hrs. (B#6).	
1-24-80	7459	TD - TOH f/logs. Schl. tool will not work; trying to get it fixed. 60 RPM, 45M#. Mud: 9.3#, vis 80, WL 4.4, FC 2/32, Sd tr, Salt 400, Ph 8.5, Oil 5%, Pv 18, Yld 8, Gels 3/7, Solids 6%, Ca 80. Bit #6, 7-7/8 Smith, F-5, made 359' in 32-1/2 hrs.	

1-25-80 7459 TD - LD DP. Ran Dual Induction Later-log & CNL-FDC/GR w/caliper. (Finally got Induction log, had to get another tool f/town to run CNL-finally ran.) WIH, circ 2 hrs. LD DP to run 5-1/2" csg. Mud: 9.3, vis 45, WL 4.4, FC 2/32, Sd tr, Salt 450, Ph 8.5, Oil 5%, Pv 22, Yld 10, Gels 3/9, Solids 7%, Ca 100.

1-26-80 7469 TD - Prep to move out rig. Fin LDDP. RU & ran 178 jts 5-1/2" csg, (31 jts 17# K-55 ST&C R-3 = 1295.68' & 147 jts 15.5# K-55 ST&C R-3 + 6173.86' w/guide shoe, diff fill collar & dy tool = 4,40') bottomed @ 7466'. DV @ 3988'. Diff fill collar @ 7422'. B, J. cmtd 1st stage thru shoe w/1000 gal mud flush, 10 BW & 400 sx Thicit cmt (100 bbl @ 14.5# gal) & displ. w/wtr. PD @ 4:30 p.m. w/2000#. Float held. Disp rate 6 BPM until fill then 5 BPM until 1/2 cmt out then 4 BPM til plug bmpd. Worked csg until PD. Opened DV tool @ 3988' w/1200# & circ ok. Cmtd 2nd stage w/1000 gal mud flush, 10 BW & 300 sx Thicit (75 bbl @ 14.5#/gal) & displ. w/wtr. PD @ 6 p.m. 1/25/80 w/2000#. Had good returns thruout. Ran 20 centrizers on jts 1, 3, 4, 5, 6, 7, 8, 10, 12, 27, 28, 29, 30, 32, 34, 82, 84, 86, 88, 90. Ran 30 scratchers @ 20' spacing between 7012-7347 & 6117'-6414'. Hung csg & cut off csg & released Rotary Rig @ 9:00 p.m. 1/25/80.

1-27-80 7469 TD - WO Comp. & Cleanup. Mo Rotary Rig to Jicarilla 106.

1-28-80 7469 TD - WO Comp. & Cleanup. Mo Rotary Rig to Jicarilla 106.

1-29-80 7469 TD - WO Completion.

1-30-80 7459 TD - WO Completion
(Drop f/report until comp. commences.)

3-1-80 7469 TD - MI & RU Big "A" Well Service Rig #9. Location drying up.
(Dropped f/report of 1/30/80.)

3-2-80 7469 TD Running CBL Log. MI & RU Big "A" Rig #9. NU BOPE. Unload & tally tbg. RIH w/4-3/4" bit & csg scraper. Tag cmt @ 3916'. Drl cmt & DV @ 3988'. RIH & CO to float clr @ 7422'. Displ hole to 1% KCl wtr. POH. RU Blue Jet. Running CBL/VDL/GR/CCL log.

3-3-80 7469 TD - WOC. Fin running CBL-GR/correl w/var density. TIH w/tbg to 7233'. Tstd csg to 4000# - held steady for 5 mins. Spotted 250 gals 15% HCl. POH, Perf'd 4 holes @ 7220'. Set cmt retainer @ 7170'. TIH w/tbg & stinger stung into retainer @ 7170'. Broke fm down tbg @ 3800#. Est rate of 3 BPM @ 3900#. Mixed 125 sxs class "B" w/.6% Halad-9. Squeezed w/max press of 4000#. Disp 17 bbls of cmt into fm. Left 1 bbl cmt in csg. Reversed out 8 bbls cmt. Job complete @ 4:30 a.m. 3/3/80. POH - WOC.

3-4-80 7469 TD - Prep to TIH w/ 4-3/4" bit to drl cmt retainer & cmt. WOC.

3-5-80 7469 TD - Prep to perf & frac Dakota. TIH w/ 4-3/4" bit. Tagged up @ 7170'. Drld cmt & cmt retainer f/7170-7225'. Cont'd TIH & CO to FC @ 7422'. WO HOWCO to get frac equip on loc.

3-6-80 7469 TD - TIH w/tbg & squeeze stinger. Circ'd hole w/1% KCl wtr. Spt 350 gals 15% MCA. POH, Perf'd Dakota @ follow'g depths: 7242', 44', 46', 48', 50', 56', 57', 58', 59', 69', 70', 71', 72', 85', 86', 87', 90', 91', 92', 94', 95', 96', 98', 99', 7300', 02', 03', 04', 06', 07', 08', 10', 11', 12'. All meas Blue Jet CBL log (3/1/80) correl to Sch CNL-FDC log (1/24-80). Frac'd Dakota fm w/89,000 gals 1% KCl wtr, 82,000# 20/40 mesh sd, fm brk @ 3500#: 18,000 gals pad, 42 BPM, 2800#; 16,500 gals wtr, 1/2#/gal sd, 36 BPM, 2700#; 14,000 gals wtr, 1#/gal sd, 36 BPM, 2750#; 14,500 gals wtr, 1-1/2#/gal sd, 35 BPM, 2750#; 19,000 gals wtr, 2#/gal sd, 33 BPM, 2900#; 7,000 gals flush, 35 BPM, 2900#. Avg rate 36 BPM @ 2800#. ISIP 2100#; 5 min SIP 1800#; 10 min SIP 1750#; 15 min SIP 1680#. Set CIBP @ 7190'. Press tstd to 4000#, OK f/5 min. Perf'd Graneros at: 7094', 95', 96', 97', 98', 99', 7100', 01', 02', 03', 04', 05', 06', 07', 08', 09'. Blue Jet CBL log meas correl to Sch CNL-FDC log. Attempted to brk dn Graneros fm. Press'd up to 4000# - SD. TIH w/tbg to 7090'. Tagged up on sd. Wsh'd dn to 7140'. Circ'd hole clean. POH. Frac'd Graneros from 7094-7109' w/42,900 gals 1% KCl wtr & 36,000# 20/40 mesh sd. Brk fm @ 3600#: 8,000 gals pad, 27 BPM, 3800#; 7200 gals, 1/2#/gal sd, 28 BPM, 3750#; 5800 gals, 1#/gal sd, 27 BPM, 3000#; 6800 gals, 1-1/2#/gal sd, 28 BPM, 2800#; 8200 gals, 2#/gal sd, 27 BPM, 2900#; 6900 gals flush, 27 BPM, 3200#. Avg rate 27 BPM @ 3300#. ISIP 2200#; 5 min SIP 2000#; 10 min SIP 1900#; 15 min SIP 1850#. Set CIBP @ 6600#. Tstd to 4000#, OK. Ran tbg to 6189'. Spt 200 gals 15% HCl. POH. Perf'd 4 squeeze holes @ 6180'. Set cmt retainer @ 6135'.

3-7-80 7469 TD - Prep to drl cmt retainer. TIH w/tbg & stringer to cmt retainer @ 6135'. Press'd annulus to 1000#. Brk fm dn tbg @ 4000#. Est inj rate of 3 BPM @ 2400#. Mixed 125 sx Cl "B" w/.6% Halad-9. Sq'd thru 4 holes @ 6180' Displ 23 bbls cmt into fm w/max sq press of 2600#. Left 1 bbl cmt in csg. Reversed out 2 bbls. cmt. JC @ 9:30 am 3/6/80. POH & WOC.

3/8/80	7469	TD - Prep to frac Gallup stage #2. WOC & TIH w/3-3/4" bit on 2-3/8" to 6135'. Drld cmt retainer @ 6135' & cmt to 6190'. CO to 6485'. Circ hole w/1% KCl wtr. POH. Perf'd Gallup @ 6363', 65', 67', 69', 71', 73', 75', 77', 79', 81', 83', 85', 87', 89', 91', 93', 95', 97', 99', 6401', 03', 05', 07', 09', 15', 17', 19', 21', (28 holes). Blue Jet CBL 3/1 correl'd to Sch CNL-FDC 1/24. TIH w/pkr to 6280'. Treated perms 6363-6421', w/1000 gals 15% HCL, FBD 2600#, AIR 4 BPM @ 2000#, Max 3100#, 56 ball sealers. Gd ball action. ISDP 1150#. Run tbg to 6430'. KO balls & POH. Frac Gallup perms 6363-6421' using Halliburton 40# Versigel in 1% KCl wtr w/25M# (100) sd, 123,000# (20/40) sd, dn 5-1/2" csg as foll: 5,000 gals pad, 36 BPM, 2000#; 5,000 gals, 1#/gal, 100, 32 BPM, 1800#; 10,000 gals, 2#/gal, 100, 32 BPM, 1550#; 6,000 gals, 1#/gal, 20/40, 33BPM, 1750#; 10,000 gals, 2#/gal, 20/40, 33BPM, 1800#; 10,000 gals, 3#/gal, 20/40, 32BPM, 1900#; 8,000 gals, 4#/gal, 20/40, 32BPM, 1950#; 7,000 gals, 5#/gal, 20/40, 32 BPM, 1900#; 6,000 gals flush. ISDP 1200#, 5 min 1100#, 10 min 1050#. 33 BPM AIR @ 1850#. Set BP @ 6340'. Perf Gallup f/2nd stage, 6195', 99', 6205', 09', 11', 34', 38', 42', 46', 56', 58', 62', 66', 70', 74', 78', 82', 89', 93', 99', 6301', 05', 07'.
3/9/80	7469	TD- WO gel. Trtd Gallup stage #2 perms 6195-6307'. Halliburton frac'd dn 5-1/2" csg. Spearheaded 40# Versigel w/2000 gals 15% HCL. Frac'd w/50,000# (100) sd, 246,000# (20/40) sd. Acid in @ 40 BPM @ 2500#. Frac'd as foll: 10,000 gals pad, 40 BPM @ 2360#; 10,000 gals, 1#/gal, 100, 41 BPM 2000#; 20,000 gals, 2#/gal, 100, 38 BPM, 2000#; 12,000 gals, 1#/gal, 20/40, 40 BPM, 1900#; 20,000 gals, 2#/gal, 20/40, 41 BPM, 1850#; 20,000 gals, 3#/gal, 20/40, 41BPM, 1930#; 16,000 gals, 4#/gal, 20/40, 40 BPM, 2000#; 14,000 gals, 5#/gal, 20/40, 40 BPM, 2170#; 6,000 gals flush, 36 BPM, 2250#. ISDP 1250#, 5 min 1100#. AIR 40 BPM, 2000#. WO gel to brk. Opn to pit, flwd 40 bbls, gel had not brkn. SI 590#. Opn to pit, gel not brkn. Flwd 25 bbls @ 475#. SI 390#.
3/10/80	7469	TD - Prep to flw to pit. Opn well to pit. Flwd 20 bbls & died. TIH w/bit on 2-3/8" tbg, hit sd @ 6320'. CO to bridge plug @ 6340'. Drld BP & CO to 6600'. Drld BP @ 6600' & CO to 7190'. Drld BP @ 7190' & CO 7427'. Circ hole clean. POH w/ 2-3/8" tbg & bit. TIH w/239 jts 2-3/8" tbg, set @ 7189' KB w/SN @ 7158'. ND BOP, NU xmas tree.
3/11/80	7469	TD - Cont flwg. Swb f/2500'; FL @ 500'; CP 400#. Rec'd 24 BW. Well KO & flwd 839 bbls. Last hr oil was 5%, wtr 95%; CP 375#. Total load rec'd 948 bbls. Yet to recover 6922 bbls.
3/12/80	7469	TD - Cont to flw to pit. Flwg to pit, rec'd 470 BF. CP incr'd f/375# to 525#. Last hr fld cut was 10% oil & 90% wtr. Total load rec'd 1418 bbls. Left to recover 6452 bbls.
3/13/80	7469	TD - Cont to swb. Flwg to tst tk. Flwd 50 BF - 10% oil & 90% wtr. CP incr f/525# to 700#. Well died. Swbg f/SN @ 7150'. Scatt fld thruout tbg. Rec'd 173 BF. Last hr 40% oil & 60% wtr. CP incr'd f/700# to 1175#. Fld rec'd last 24 hrs - 223 bbls, est 70 BO & 153 BW. Total fld rec'd 1641 bbls. Left to recover 6229 bbls.
3-14-80	7469	TD - SI. Swbg & flwg; rec'd 60 BF, 40% oil, 60% wtr - 24 BO & 36 BW. RD & move rig to Jicarilla #113 to run pmp & rods. Total load rec'd 1665 bbls. Left to recover 6205 bbls. RR 6 pm 3/13/80.
3-15-80	7469	TD - Fwlg f/tst. <u>Drop f/report</u> pending potential tst.
3/31/80	7469	TD - <u>COMPLETED OIL WELL</u> , 3/31/80, Gallup-Dakota fm. Tst date 3/27/80: 24 hr tst, flwg 40 BOPD, 20 BWPD (frac), 204 MCFD. Dakota perms 7242-7311'; Graneros perms 7094-7109'; Gallup perms 6363-6421', 6195-6307'. Adj chk, oil gravity 48.4 API @ 60°F, GOR 5100:1. LFP 7109'. (Dropped f/report of 3/15,16,17/80). CP 150#, TP 150#.