

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

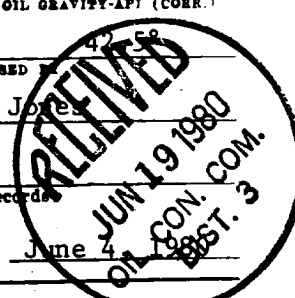
SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R335.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. Santa Fe 080472	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESEV. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mobil Producing TX. & N.M. Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 9 Greenway Plaza, Suite 2700, Houston, Texas 77046				8. FARM OR LEASE NAME Jillson Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)* At surface 1840 FNL & 850 FWL At top prod. interval reported below Same as surface At total depth Same as surface				9. WELL NO. 3	
14. PERMIT NO. NA U. S. GEOLOGICAL SURVEY FARMINGTON, N.M. 2-1-80				10. FIELD AND POOL, OR WILDCAT West Lindrith Gallup-Dakota	
15. DATE SPUNNED 2-28-80				11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 7, T24N, R3W	
16. DATE T.D. REACHED 3-16-80				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 5-8-80				13. STATE New Mexico	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6886' GR				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7700		21. PLUG, BACK T.D., MD & TVD 7630		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS				24. ROTARY TOOLS	
25. CABLE TOOLS				26. WAS DIRECTIONAL SURVEY MADE	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7319-7542 (Dakota)				28. WAS WELL CORED No	
29. TYPE ELECTRIC AND OTHER LOGS RUN Neutron Density, Induction Electrical Log				30. WAS WELL CORED No	
31. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8		48#		318	
8-5/8		32 & 24#		3888	
4-1/2		11.6 & 10.5#		7697	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17-1/2		350x Class B Neat			
11		475x 65-35 POZ + 200x B			
7-7/8		475x BJ Lt. + 250x B			
32. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
33. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8		7305		SN @ 7305	
34. PERFORATION RECORD (Interval, size and number)					
7319-7325		7519-7529		1 JS	
7331-7341		7534-7542		Every other	
7345-7361				Foot	
7437-7443					
35. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7519-42		Acidized w/1500 gals HCl + BBS			
7437-43		Acidized w/800 gals 15% HCl			
7319-61		Acidized w/2500 gals 15% HCl + 30BS			
7319-7542		Frac w/70,000 gals gel + 120,000#			
36. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
5-8-80		Pumping		Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
6-3-80		24			
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
		40		85	
WATER—BBL.		OIL GRAVITY-API (CORR.)			
7					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
				40	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
40		85		7	
37. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
Sold					
38. LIST OF ATTACHMENTS					
logs, Drilling Report Summary, Inclination Survey					
39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE		DATE	
R. D. Jones		Authorized Agent		June 4, 1980	

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



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 88, 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 85.

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 88. 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	NAME	MISAR. DEPTH	TRUM VERT. DEPTH
Dakota	7318	7560	Mesa Verde	4748	
			Gallup	6373	
			Dakota	7318	

DAILY DRILLING REPORT

Jillson Federal #3

JILLSON FEDL #3
West Lindrith Gallup Dakota Fld
Rio Arriba Co, NM
PD 8200 Dakota
Mobil Intr 100%
AFE 9261 = \$657 M
Cactus Drlg Co Rig #19
Spud 2/28/80
13-3/8 @ 318
8-5/8 @ 3888
4-1/2 @ 7697

2/29/80
325 running 13-3/8 csg, sd & sh, 17-1/2 hole,
1/4 @ 325,
spud 4 PM 2/28/80.

3/1/80
1546 drlg sd & sh, 11" hole,
1/4 @ 845,
ran 8 jts = 347' of 13-3/8 H40 48# ST&C csg
BJ cmt csg @ 318 w/ 350x Class B + 3% CaCl2
+ 1/4# FC/s, PD @ 7 AM 2/29/80, WOC 8 hrs &
NU, test csg & BOP to 1000/ok, drlg form @
8 PM 2/29/80.

3/6/80
3900 ND sd & sh, WOC on 8-5/8 csg,
fin POH & LD DC's, ran total 94 jts = 3909'
of 8-5/8 46 jts = 1491' 32# K55 ST&C & 58
jts = 2418' of 24# K55 ST&C, BJ cmt shoe @
3888 w/ 475x of 65-35 Poz + 1/4# FC/x +
200x Class B + 2% CaCl2, PD @ 5:45 PM 3/5/80
cmt circ

3/17/80
7700 TD, logging, sd & sh, 7-7/8
hole, 1" @ 7700,
TD 5:30 PM, circ 2 hrs, made short trip,
circ 2 hrs, POH logging.

3/18/80
7700 TD, running csg, 7-7/8 hole,
NND,
Ran Ind Electric 3896-7684, CNL Density
7692-surf.

3/19/80
GIH, circ 2 hrs, LD DP, ran 208 jts 4-1/2
86 jts 2771' of 11.6# K55 ST&C, 114 jts
4670' 10.50# K55 ST&C & 8 jts 259' 11.6#
K55 ST&C DV @ 6349 cmt bskt @ 6091, 12 cents
7634-6060, BJ cmt shoe @ 7697 w/ 125x
BJ lite + 200x B + 2% CaCl2, PD 10:45 AM
3/18/80, open tool, circ 2 hrs, did not circ
2nd stage, 350x BJ Lite + 50x B + 2% CaCl2
PD 2 PM 3/18/80, NU, Wilson ran Temp Srv,
rel Cactus Rig #19 @ 10:30 PM 3/18/80.

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 Rio Arriba Co, NM
 PD 8200 Dakota
 Mobil Intr 100%
 AFE 9261 = \$657 M
 Cactus Drlg Co Rig #19
 Spud 2/28/80
 13-3/8 @ 318
 8-5/8 @ 3888
 4-1/2 @ 7697

4/17/80
 7700 TD.
 MIRU Allen Cons DD unit 4/16/80.

4/18/80
 7700 TD.
 GIH w/ 3-7/8 bit + 4-1/2 CS + 4 - 3-1/8 DC's
 + 51 jts 2-3/8 tbg.

4/19/80
 7700 TD.
 Test 52 jts acid damaged tbg to 5000 psi/ok,
 PU tbg to DV @ 6349, RU to DO

9/21/80
 7700 TD; 7600 PBTD.
 Drill DV @ 6349, test 1500/ok, GIH, tag cmt
 @ 7600, displ hole w/ 2% KCl, test 1500/ok,
 POH.

4/22/80
 7700 TD, 7600 PBTD, Dakota 7319-7542.
 DA ran Corr log 7611-7000, perf 1 JS ever
 other ft 7319-25; 7331-41; 7345-61; 7437-43;
 7519-29; 7534-42 - 34 holes, GIH w/ RBP &
 pkr, GIH on 2-3/8.

4/23/80
 7700 TD, 7600 PBTD, Dakota 7319-7542.
 FIH w/ RBP & pkr, set RBP @ 7590, spot 100
 gals 15% HCl pkr @ 7500, BJ acidize perfs
 7519-42 w/ 1500 gals HCl + 18 BS, TTP 3000
 @ 4.5 BPM, BO @ 4000, ISIP 1500, 10 min 1300,
 isolate perfs 7437-43, treat w/ 800 gals 15%
 HCl, TTP 2200-3000 @ 4 BPM, ISIP 800, 10 min
 100, isolate perfs 7319-61 treat w/ 2500 gals
 15% HCl + 30 BS, TTP 2500-2700 @ 4-3/4 BPM,
 BO @ 4000, ISIP 1800, 10 min 1400

4/24/80
 7700 TD, 7600 PBTD, Dakota 7319-7542.
 POH w/ RBP & pkr, Dowell frac down 4-1/2 csg
 w/ 70,000 gals gel + 120,000# 20/40 sd +
 12 BS, TCP 2600-3000 @ 35 BPM, ISIP 1800,
 10 min 1800, compl 3 PM 4/23/80

4/26/80
 7700 TD, 7600 PBTD, Dakota 7319-7542.
 GIH w/ hydrostatic bailer on 2-3/8 tbg, CO
 sd 7436-7600, POH, DA attm to run GR frac
 log & stop @ 7516 on fillup, log sh frac sd
 in perfs 7319-61 & 7437-43, well fl back 200
 BLW in two days,

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 4-1/2 @ 7697

4/29/80
 7700 TD, 7600 PBDT, Dakota 7319-7542.
 McCullough attm run GR log, tag sd @ 7530,
 GIH w/ bailer, CO 7530-7630

4/30/80
 7700 TD, 7600 PBDT, Dakota 7319-7542.
 McCullough tag @ 7570 tool failed twice, GIH
 w/ 2 jts tailpipe, SN + 233 jts 2-3/8
 landed @ 7305.

5/1/80
 7700 TD, 7600 PBDT, Dakota 7319-7542.
 S.I. 13 hrs T P-0 CP 1100 - GIH w/sinker
 bar broke disk in SN, made 1 run w/swab, well
 came. F1 to sep on 48/64 ch, TP 190 -
 Csg 1050 - Rec 37 BNO+69 BLW+25 MCF/18 hrs.

5/2/80
 7700 TD, 7600 PBDT, Dakota 7319-7542.
 Rel Allen Cons WS 9 AM 5/1/80, f1 to
 tanks on 48/64, TP 190, CP 600, rec 70
 BNO + 90 BLW/2 hrs.

5/3/80
 7700 TD, 7600 PBDT, Dakota 7319-7542.
 F1 to tank on 2" chk - TP 25 - CP 900 - Rec
 40 BNO + 10 BLW in 18 hrs.

5/4/80
 F1 well thru sep on 32/64" chk - TP 600,
 CP 1000 - F1 25 BNO+5BLW/18 hrs - Cont to
 f1 test -

5/5/80
 SI 3 hrs TP 375, CP 1120 - F1 to tank on 2"
 opening & f1 25 BNO + 10 BLW in 21 hrs.

5/6/80
 7700 TD, 7630 PBDT, Dakota 7319-7542.
 F1 to tank on 2" open valve & rec 10 BNO +
 6 BLW/12 hrs. SI @ 4 pm 5/5/80 for 20 hrs.
 Tag btm w/slick line @ 7630- 7630 corr. PBDT

5/7/80
 7700 TD, 7630 PBDT, Dakota 7319-7542.
 Open to tank @ 12 noon & f1 52 BNO + 19 BLW
 in 9 hrs. Open & SI on 3 hr interval.

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5/8/80
 F1 42 BNO + 10 BLW/12 hrs. Open & SI on 3 hr.
 intervals - CP 800 & TP 300-0
 Turn to prod @ 6 am 5/8/80.

5/9/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 F1 40 BNO + 10 BLW/18 hrs - 3/4" chk.
 GV TSTM - TP 0 - CP 500 -
 TP 600 - CP 980

5/13/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 Well Tech MIRU PU 5/12/80. Sw & F1 35 BNO
 + 10 BLW/12 hrs. 1800 FIH. Fair sh of gas.
 TP 0, CP 500. SI/12 hrs. TP 750, CP 1120.

5/16/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 Run 2" X 1-1/4" X 16' pump on 101 3/4" X
 68 7/8" rod. Prep to set up Pulling Ut.

5/19/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 Rel PU 5/16/80, set PU, POP 5/17/80,
 P 16 BNO + 0 BLW/24 hrs.

5/24/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 Allen MIRU pulling unit 5/23/80, pull rods &
 pump, install BOP's.

5/25/80
 Lower tbg 124' 7427, SN 7367, removed BOP's,
 ran 2 x 1-1/4 x 16' pump on 202 3/4" 91 7/8"
 rods, rel PU 5/24/80, POP 5/24/80.

6/3/80
 7700 TD, 7630 PBTD, Dakota 7319-7542.
 NMOCC POTENTIAL TEST: P 40 BNO + 7 BLW/24
 hrs, 5 1-1/4 x 74" SPM, GOR 2125/1, Gvty
 42.4° @ 60°, Allow 40 NP, Top 382, Cap 40,
 completed 5/8/80.
FINAL REPORT.