

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. Santa Fe 078914	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. LESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Mobil Producing Texas & New Mexico Inc.		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR Nine Greenway Plaza, Suite 2700, Houston, Texas 77046		8. FARM OR LEASE NAME Lindrith B Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FNL & 790 FWL At top prod. interval reported below same as surface At total depth same as surface		9. WELL NO. 1	
14. PERMIT NO. N/A		DATE ISSUED 9/19/79	
15. DATE SPUDDED 11/14/79		16. DATE T.D. REACHED 12/16/79	
17. DATE COMPL. (Ready to prod.) 2/04/80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6943' GR	
19. ELEV. CASINGHEAD		20. FIELD AND POOL, OR WILDCAT Chacon-Dakota Associated	
21. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 24N Sec. 28, T2N, R3W		12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico		22. COUNTY OR PARISH Rio Arriba	
23. INTERVALS DRILLED BY →		24. ROTARY TOOLS X	
25. CABLE TOOLS		26. WAS DIRECTIONAL SURVEY MADE None	
27. TYPE ELECTRIC AND OTHER LOGS RUN Mud Logs(3900-TD), Induction Log, Neutron Density		28. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	306'	17"
8 5/8"	32# & 24#	3882'	11"
30. CEMENTING RECORD			
310 X Class A			
500X Wt + 200 X A			
AMOUNT PULLED			
None			
None			
31. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
32. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	7186'		
33. PERFORATION RECORD (Interval, size and number)			
7143 - 7191 1 JSPF			
7253 - 7357 2 JSPF			
34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)			
7353-57			
2253-7267			
7143-91			
7143-7357			
AMOUNT AND KIND OF MATERIAL USED			
Acidized W/1000 gal 15% NEA			
+ 1500 gal HCL + 20 BS			
Acidized W/7500 gal 15% HCL			
+ 30 RCNBS frac W/60,000 gal			
Versagel, 1400 W/120,000 #20/40sd			
35. PRODUCTION			
DATE FIRST PRODUCTION 2/04/80			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
WELL STATUS (Producing or Shut-in) Producing			
DATE OF TEST 2/20/80	HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 83	GAS—MCF. 270	WATER—BBL. 0	
FLOW. TUBING PRESS. 280	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) 3253
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (refer to letter of 2/25/80)			
37. LIST OF ATTACHMENTS Logs, Inclination Survey, Composite Drilling Report			
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Rubie Jay</u>		TITLE Authorized Agent	
DATE 3/03/80		DATE 3/03/80	
MAR 17 1980		MAR 10 1980	

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

BY Durango DISTRICT
BY catU. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 19: 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 27: ~~Complete formation logs.~~ 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 (SSD), TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES							
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	WEAR DEPTH	TOP	TRUS VERT. DEPTH
Dakota	7142	7370	Porous Zone intervals	Mesa Verde Gallup Dakota Sd.	4592 6185 7142		
			No Drill Stem tests conducted				

Lindrith "B" Unit #1

LINDRITH "B" UT #1
Chacon Dakota Associated Fld
Rio Arriba Co, NM
PD 8200 Dakota
Mobil Intr 75%
AFE 9210 = \$575 M
Cactus Drlg Co Rig #19
Spud 11/14/79
13-3/8 @ 306
8-5/8 @ 3882

11/15/79
(1) 160 drlg sd, 17 hole, Spud Mud.
NND,
Cactus Drlg Co spud in @ 5:30 PM 11/14/79.

11/16/79
(2) 306 ND sd, WOC on 13-3/8 csg, 17-1/2 hole,
1/4 @ 306, Spud Mud.
TD 17-1/2 hole @ 6 PM 11/15/79, circ 1 hr, POH,
ran 8 jts 13-3/8 48# H40 ST&C csg, Dowell cmt
csg @ 306 w/ 310x Class A + 2% CaCl₂, PD @
12:15 AM 11/16/79, cmt circ 28x, now WOC & NU.

12/2/79
(18) 3900 WOC 8-5/8,
ran 35 jts 1435' 8-5/8 32# K55 + 60 jts 2435'
8-5/8 24# K55, Dowell cmt @ 3882 w/ 500x
65-35 Lt Wt + 200x A, PD 3:45 PM 12/1/79,
cmt circ, had 25% ret @ end of cmt job.

12/17/79
(33) 7610 TD, sd & sh, 7-7/8 hole,
NND, 9.3-48-6.4.
TD @ 6 PM 12/16/79, circ 1-1/2 hrs, made
short trip, circ 2 hrs, now POH to log.

12/18/79
(34) 7610 Prep run csg, sd & sh, 7-7/8 hole,
2^o 7610.
Schl Ran Ind Spherically Focused log 7630-
3872, CNL Density 7608-302, GIH.

12/19/79
(35) 7610 WOC 4-1/2" csg.
POH LD DP, ran 167 jts (6630') 11.60# K-55
4-1/2" + 30 jts (967') 10.50# K-55 4-1/2"
used csg + 10 cents, DV @ 6345, basket @ 6000,
Dowell cmt shoe @ 7600 w/40 sxs 65-35 Poz +
12% gel + 12-1/2# gil + 240 sxs B + .4% FLA,
PD 10:15 PM 12/18/79, open DV circ 2 hrs, cmt
did not circ, 2nd stage 285 sxs B + 65-35
Poz + 50 sxs B neat, PD 2:45 AM 12/19/79,
good circ throughout job, prep NU.

12/20/79
(36) 7610 Prep MORT.
Wilson ran Temp Survey 6320-3000, top cmt
@ 3500, rel rig @ 1 PM 12/19/79.

12/21/79
7610 TD.
WO compl.

LINDRITH "B" UT #1
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 PD 8200 Dakota
 Mobil Intr 75%
 AFE 9210 = \$575 M
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 Spud 11/14/79
 13-3/8 @ 306
 8-5/8 @ 3882

12/29/79
 7610 - MIRU Allen Cons DD unit, PU 3-7/8 bit
 + 4-1/2 CS + 4 - 3-1/8 DC's, SDFN.

12/31/79
 Down 5 hrs W0 slips, slips stolen off rig,
 GIH w/ 2-3/8, test to 5000 psi, change out
 22 collars.

1/4/80
 7610 TD, 7500 PBTB.
 DO 15' cmt & DV tool @ 6345, tag cmt @ 7475
 & DO to 7500 = PBTB, Circ clean & test csg
 to 1500/ok, circ hole to 2% KCl wtr, SDFN.

1/5/80
 7610 TD, 7529 PBTB.
 Dowell spot 250 gals 15% NEA from 7400-7015,
 POH, McCullough ran GR-Corr log from 7520-6500
 Corr PBTB = 7529, SDFN.

1/6-7/80
 7610 TD, 7529 PBTB, Dakota 7143-7357.
 Down 5 hrs w/ McCullough, then perf 4-1/2 csg
 in Dakota form @ 7143; 45; 47; 49; 55; 57; 59;
 61; 63; 65; 79; 81; 83; 85; 87; 89; 91 - w/
 1 JSPF, then perf w/ 2 JSPF @ 7253-57; 7261-67;
 7353-57 - total 48 holes, SDFN & Sunday.

1/8/80
 7610 TD, 7529 PBTB, Dakota 7143-7357.
 GIH w/ Guib 4-1/2 RBP & pkr & set RBP @ 7420
 & pkr @ 7297, Dowell acidize Dakota perfs
 7353-57 w/ 1000 gal 15% NEA DI, BDTP 2500,
 TTP 2000, AIR 3 BPM, ISDTP 1150, 10 min 1100,
 job compl @ 2 PM 1/7/80, SI 1 hr TP 600,
 FL @ surf, sw 20 BLW in 1 hr, FL @ 5000,
 SSG, SDFN. - 68 BLW.

1/9/80
 7610 TD, 7529 PBTB, Dakota 7143-7357.
 15 hr SITP 500, FL @ 1000, S 12 BNO + 20 BLW
 in 8 hrs, L hr sw 2 BF, SO 20% oil, FL @
 7000, SSG, SDFN. - 48 BLW.

1/12/80
 7610 TD, 7529 PBTB
 Set RBP @ 7300, test 3000/ok, pkr @ 7208,
 Dowell acidize perfs 7253-67 w/ 1500 gals
 15% HCl + 20 BS, TTP 1500-3000 @ 3 BPM, GBA
 ISIP 1100, 10 min 800, SI 45 min, TP 300,
 F 9 BLW/1 hr, SDFN, prep sw. - 61 BLW.

LINDRITH "B" UT #1
 Chacon Dakota Associated Fld
 Rio Arriba Co, NM
 PD 8200 Dakota
 Mobil Intr 75%
 AFE 9210 = \$575 M
 Cactus Drlg Co Rig #19
 Spud 11/14/79
 13-3/8 @ 306
 8-5/8 @ 3882

1/18/80
 7610 TD, 7529 PBDT
 Dowell acidized perfs 7143-91 w/ 7500
 gals 15% HCl + 30 RCNBS, TTP 1200-3500 @
 5 BPM, ISIP 1000, 10 min 950, 30 min 700,
 fl 72 BLW/4 hrs to test tank.

1/23/80
 7610 TD, 7529 PBDT, Dakota 7143-7357.
 Dowell frac perfs 7143-7357 down 4-1/2 csg
 w/ 60,000 gals Versagel, 1400 w/ 120,000#
 20/40 mesh sd, TCP 2500-2800 @ 30 BPM - 28 BPM
 8 BS, ISIP 1600, 10 min 1500, SI overnite.

1/26/80
 7610 TD, 7529 PBDT, Dakota 7143-7357.
 Ran SP tbg @ 7310, CO to 7334, WIH w/ Hyd
 bailer on 2-3/8, CO to 7529 PBDT, POH

2/1/80
 7610 TD, 7529 pbsd, Dakota 7143-7357.
 Killed well w/ 100 bbls 2% KCl wtr, POH,
 GIH w/ Baker Lokset.

2/2/80
 7610 TD, 7529 PBDT, Dakota 7143-7357.
 GIH w/ Baker 4-1/2 Lokset pkr on 231 jts 2-3/8
 tbg & set @ 7050, displ annl w/ 2% KCl wtr cont
 1% Baroid B1400 pkr fluid, instl tree

2/3/80
 15 hr SITP 0, FL @ 800, S 26 BNO + 104 BLW/8 hrs
 L hr sw 18 BF, SO 20% oil, FL @ 4000, GSG, 12
 hr SITP 710, open well on 38/64 ck & now fl w/
 TP 25 psi.

2/4/80
 Fl to tank on 38/64 ck w/ TP 25, rec 123 BNO
 + 46 BLW/18 hrs.

2/5/80
 7610 TD, 7529 PBDT, Dakota 7143-7357.
 Fl on 16/64 ck, TP 200, CP 0, rec 69 BNO +
 10 BLW/14 hrs, GV 38 MCFD, - 1515 BLW,
 rel Allen Const pulling unit & rel to Prod
 6 PM 2/4/80.

2/21/80
 7610 TD, 7529 PBDT, Dakota 7143-7357.
 NMOC D POT. TEST.
 Fl 83 BNO + 5 BLW/24 hrs. 3/4 choke, Gor
 3253/1, TP 280, CP packer, BP 16 lbs.,
 GV 47° @ 60. Allowable 83 BOPD, NP.
 Top allowable 427 BOPD. Capacity 83 BOPD.
 Comp. 2-6-80.
FINAL REPORT