

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. ☐	Other ☐
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Mobil Producing TX. & N.M. Inc.						Lindrith B Unit	
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME	
9 Greenway Plaza, Suite 2700, Houston, TX 77046						Chacon-Dakota Associated	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.	
At surface 1840 FNL & 1840 FEL						4	
At top prod. interval reported below Same as Surface						10. FIELD AND POOL, OR WILDCAT	
At total depth Same as surface						Chacon-Dakota Associated	
14. PERMIT NO.						11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA	
NA S. GEOLOGICAL SURVEY DATE ISSUED 3-10-80						Sec. 34, T24N, R3W	
15. DATE SPUDDED						12. COUNTY OR PARISH	
4-16-80						Rio Arriba	
16. DATE T.D. REACHED						13. STATE	
5-5-80						New Mexico	
17. DATE COMPLETED (Report to Prod.)						18. STATE	
5-21-80						New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						19. ELEV. CASINGHEAD	
7037' GR							
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
7594		7549				ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
7155-7361 (Dakota)						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Neutron Density, Induction Electrical						No	
28. CASING RECORD (Report all strings set in well)						29. LINER RECORD	
Casing Size		Weight, lb./ft.		Depth Set (MD)		Hole Size	
13-3/8		48#		306		17-1/2	
8-5/8		32 & 24#		3889		11	
4-1/2		11.6 + 10.5#		7592		7-7/8	
30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION	
SIZE		TOP (MD)		DEPTH INTERVAL (MD)		DATE FIRST PRODUCTION	
2-3/8				7355-7361		5-21-80	
DEPTH SET (MD)		BOTTOM (MD)		AMOUNT AND KIND OF MATERIAL USED		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
7340				Acidized w/500 gals 15% HCl		2 x 1 1/4 x 16' Pump	
PACKER SET (MD)		SACKS CEMENT*		7270-7280		WELL STATUS (Producing or shut-in)	
SN & 7280				Acidized w/500 gals 15% HCl		Producing	
				7155-7218		DATE OF TEST	
				Frac w/70,000 gals versagel 1400 +		HOURS TESTED	
						24	
						CHOKE SIZE	
						24/64	
						PROD'N. FOR TEST PERIOD	
						50	
						OIL—BBL.	
						50	
						GAS—MCF.	
						34	
						WATER—BBL.	
						580	
						GAS-OIL RATIO	
						46.0	
						OIL GRAVITY-API (CORR.)	
						46.0	
						FLOW. TUBING PRESS.	
						0	
						CASING PRESSURE	
						550	
						CALCULATED 24-HOUR RATE	
						50	
						OIL—BBL.	
						50	
						GAS—MCF.	
						34	
						WATER—BBL.	
						580	
						OIL GRAVITY-API (CORR.)	
						46.0	
						FLOW. TUBING PRESS.	
						0	
						CASING PRESSURE	
						550	
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						0	
						CASING PRESSURE	
						550	
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						OIL GRAVITY-API (CORR.)	
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						FLOW. TUBING PRESS.	
						0	
						CASING PRESSURE	
						550	
						CALCULATED 24-HOUR RATE	
						50	
						OIL—BBL.	
						50	
						GAS—MCF.	
						34	
						WATER—BBL.	
						580	
						OIL GRAVITY-API (CORR.)	
						46.0	
						FLOW. TUBING PRESS.	
						0	
						CASING PRESSURE	
						550	
						CALCULATED	

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
Dakota	7152	7536		Callup Sanasapee Greenhorn Craneros Dakota	6176 6776 7200 7134 7152	

DAILY DRILLING REPORT

Lindrith "B" Unit #4

LINDRITH "B" UT #4
Chacon Dakota Fld
Rio Arriba Co, NM
PD 8200 Dakota
Mobil Intr 75%
AFE 9264 = \$657 M
Cactus Rig #19
Spud 4/16/80

4/17/80
1840 FNL & FEL Sec 34, T24N, R3W.
240 drlg sd & sh, 17-1/2 hole

spud 8 PM 4/16/80.

LINDRITH "B" UT #4
Chacon Dakota Fld
Rio Arriba Co, NM
PD 8200 Dakota
Mobil Intr 75%
AFE 9264 = \$657 M
Cactus Rig #19
Spud 4/16/80
13-3/8 @ 306

4/18/80
502 drlg sd & sh, 11" hole,
1/4 @ 312,
ran 7 jts 13-3/8 48# H40 ST&C @ 306, BJ
cmt w/ 375x B + 3% CaCl₂, PD 12 noon
4/17/80, cmt circ, NU, test 1000/ok.

4/23/80
3900 ND sd & sh, 11" hole,
1/4 @ 3688,
TD 11" hole 2:15 AM 4/23/80, made short

LINDRITH "B" UT #4
Chacon Dakota Fld
Rio Arriba Co, NM
PD 8200 Dakota
Mobil Intr 75%
AFE 9264 = \$657 M
Cactus Rig #19
Spud 4/16/80
13-3/8 @ 306
8-5/8 @ 3889

4/24/80
3900 WOC, 8-5/8
ran 90 jts 8-5/8 36 jts (1506') 32# K55 + 5
jts (2383') 24# K55, BJ cmt @ 3889 w/ 550x
BJ Lt + 100x B Neat, PD 1:30 PM 4/23/80
cmt circ, NU, test BOP's 1000 psi/ok.

5/6/80
7594' TD
1/2" @ 7594
TD @ 12 noon 5/5/80 - Circ 2 hrs. Made short
trip - Circ 2 hrs. POH. Dresser Atlas attempt
to log & stop @ 6950. GIH w/bit & work thru
bridge & ran bit to btm. Now circ & cond hole

5/7/80
Circ & cond hole 1 hr. POH. Dresser Atlas
ran IES from 7580-3856 & Comp Den & Comp N
Log from 7583- 100 - GIH w/bit & circ 2 hrs.
Now LDDP.

LINDRITH "B" UT #4
 Chacon Dakota Fld
 Rio Arriba Co, NM
 PD 8200 Dakota
 Mobil Intr 75%
 AFE 9264 = \$657 M
 Cactus Rig #19
 Spud 4/16/80
 13-3/8 @ 306
 8-5/8 @ 3889
 4-1/2 @ 7592

5/8/80

7594' TD WOC on
 4-1/2" csg - Fin LDDP & DC's. Change rams in
 BOP. Ran 238 jts = 7602' of 4-1/2" csg. 95 jts
 3009' of 11.60 # K-55 ST&C & 127 jts = 4070'
 of 10.50 # K-55 ST&C + 16 jts = 518' of 11.60 #
 K-55 ST&C. DV tool @ 5988 & two cmt baskets 1 jt
 above & 1 jt below DV tool + 12 centr from TD
 to 6890. BJ cmt csg @ 7592 1st stage used 200 BJ
 Lite + 200 sx Class B+2% CaCl₂-PD @ 6:15 pm 5/7/80
 Open DV & circ 2 hrs & cmt circ. BJ cmt 2nd
 stage w/350 sx Bj Lite + 50 sx Class B + 2%
 caCl₂. PD @ 10 pm 5/7/80. Cmt did not circ. Set
 slips & cut off. Clean pits. Prep to run temp
 survey.

5/9/80

Wilson ran
 temp survey from 5850-3000 & show top of
 cmt @ 4650' - Rel Cactus Rig #19 @ 6 pm
 5/8/80.

5/17/80

7594 TD, 7549 PBDT.
 Pulled 2 stds, could not get trucks on loc
 too muddy.

5/18/80

7594 TD, 7549 PBDT, Dakota 7155-7361.
 Western spot 7-1/2% HCl 7394-6947, 300 gals
 POH, Schl ran coll log 7549-5560, perf 1 JSPF
 Dakota 7155; 57; 59; 61; 63; 65; 67; 69; 71;
 7206; 08; 10; 12; 14; 16; 18; Dakota B 7270;
 72; 74; 76; 78; 80; Dakota D 7355; 57; 59; 61;
 total 26 holes, WIH w/ RBP & pkr, could not
 get thru DV.

5/19/80

POH w/ RBP & pkr, GIH w/ 3-7/8 mill, mill out
 DV @ 5988, GIH w/ RBP & pkr, set RBP @ 7378,
 pkr @ 7315, Western treat perfs 7355-61 w/
 500 gals 15% HCl, TTP 2450-75 @ 3.4 BPM, ISIP
 1200, isolate perfs 7270-80, treat w/ 500
 gals 15% HCl, TTP 2400 @ 4.3 BPM, ISIP 600,
 isolate perfs 7155-7218, treat w/ 2000 gals
 15% HCl + 12 BS, TTP 1800-2000 @ 3.4 BPM,
 ISIP 800, 10 min 600.

5/20/80

7594 TD, 7549 PBDT, Dakota 7155-7361.
 13 hr SITP 50, rel pkr, ret RBP, POH, Western
 frac perfs 7155-7361 down 4-1/2 csg w/ 70,000
 gals Versagel 1400 + 120,000# 20/40 sd,
 TCP 2100-3200 @ 35 BPM, ISIP 1300, 15 min 1200,
 ST overnight.

LINDRITH "B" UT #4
 Chacon Dakota Fld
 Rio Arriba Co, NM
 PD 8200 Dakota
 Mobil Intr 75%
 AFE 9264 = \$657 M
 Cactus Rig #19
 Spud 4/16/80
 13-3/8 @ 306
 8-5/8 @ 3889
 4-1/2 @ 7592

5/21/80
 7594 TD, 7549 PBDT, Dakota 7155-7361.
 19 hr SICP 650, bled 300, 30 min, Schl ran
 FEL log 7500-7000, all perfs took fluid,
 ran 2-3/8 2 jts SN 227 jts set @ 7179,
 SN 7079, NU tree, SITP 250 & SICP 250,
 F 514 BLW out csg while running tbg.

6/4/80
 7594 TD, 7549 PBDT, Dakota 7155-7361.
 Install BOP's, lower tbg 183', tbg @ 7340,
 SN @ 7280, remove BOP's, ran 2 x 1-1/4 x 16'
 pump on 202 3/4 & 87 7/8 rods, prep to set
 pumping unit.

6/5/80
 7594 TD, 7549 PBDT, Dakota 7155-7361.
 Release pulling unit 6/4/80, set pumping ut
 prep POP.

6/20/80
 7594 TD, 7549 PBDT, Dakota 7155-7361.
 NMOCD Pot Test: 50 BNO + 2 BLW/24 hrs. 4 1-1/4
 X 74 SPM. GOR 680 to 1. GRV 46° @ 60°. Allow
 50 NP. Top Allow 427. Cap 50 @ 5-31-80. -961 BLW.
FINAL REPORT