

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-104
Revised 11-8-81

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LAND OFFICE	
OPERATOR	

1. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
2. State of Lease No.	

10. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RECVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	

3. Well Agreement Name
Lindrith B Unit

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

4. Name of Lease

3. Address of Operator
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046

5. Well No.
24

4. Location of Well
UNIT LETTER <u>N</u> LOCATED <u>789</u> FEET FROM THE <u>South</u> LINE AND <u>1395</u> FEET FROM

10. Field and Pool, or Wildcat
Chacon-Dakota Assoc.

THE <u>West</u> LINE OF SEC. <u>9</u> TWP. <u>24N</u> RGE. <u>3W</u> NMPM

11. County
Rio Arriba

15. Date Spudded 8/16/83	16. Date T.D. Reached 9/03/83	17. Date Compl. (Ready to Prod.) 9/29/83	18. Elevations (DF, RKB, RT, GR, etc.) 6869' GR	19. Elev. Casinghead 6869' GR
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20. Total Depth 7750	21. Plug Back T.D. 7530	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-7750	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name 7284-7508 Dakota	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run Induction Electric, Compensated Density Dual Spaced Neutron	27. Was Well Cored No
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	395	17-1/2	475x B / 560.5 cf	
8-5/8	32 & 24#	3300	11	750x 50/50 Pos + 150x B /	1526 cf total
4-1/2	10.5 & 9.5#	7750	7-7/8	1) 515x 65/35 Pos + 100x B /	910 cf total
				2) 815x 65/35 Pos + 50x B /	1314 cf total

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	BPMA @ 7512	SN @ 7474

31. Perforation Record (Interval, size and number) Perf w/1JSP2' @ 7550-7572 (12 holes) Perf w/1JSPF @ 7474-7482; 7486-7496 & 7500-7508 (29 holes) Perf w/1JSP2' @ 7284-7306; 7336-7350 & 7396-7404 (25 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr><th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr> <tr><td>7550-7572</td><td>Sqz w/100x B cmt.</td></tr> <tr><td>7474-7508</td><td>37500 gals 40# GWX-7 + 75000# 20/40 sd.</td></tr> <tr><td>7284-7404</td><td>37500 gals 40# GWX-7 + 75000# 20/40 sd.</td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7550-7572	Sqz w/100x B cmt.	7474-7508	37500 gals 40# GWX-7 + 75000# 20/40 sd.	7284-7404	37500 gals 40# GWX-7 + 75000# 20/40 sd.
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7284-7404	37500 gals 40# GWX-7 + 75000# 20/40 sd.								

33. Date First Production 9/29/83	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) S.I.-Pending Gas Conn.
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Date of Test 10/06/83	Hours Tested 24	Choke Size 25/64	Prod'n. Per Test Period →	Oil - Bbl. 155	Gas - MCF 350	Water - Bbl. 53	Gas - Oil Ratio 2258
Flow Tubing Press. 180	Casing Pressure 650	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 43.1 @ 60	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed by K. D. Jones
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35. List of Attachments C-104, Logs
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Paula A. Collins TITLE Authorized Agent DATE 10/06/83

TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

10/26/01

Lindrith B Unit #24

Chacon-Dakota Associated
789' FSL & 1395' FWL, (N) Section 9, T24N, R3W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH w/about 242 joints 2-3/8" tubing and LD **Baker Tubing Anchor at 7188'**, visually inspect. If necessary, LD tubing and PU and tally tubing workstring.
3. **Plug #1 (Dakota perforations, 7234' – 7134')**: Set a 4-1/2" wireline CIBP or CR at 7234'. TIH with open-ended tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 800# and hold for 30 minutes, note any decrease in 5 minute intervals. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Dakota. PUH.
4. **If the casing tested to 800#, then pull above cement and circulate well with 1% water based corrosion inhibitor. TOH and LD tubing. ND BOP and NU wellhead. RD and MOL. If casing does not test the P&A well as follows:**
5. **Plug #2 (Gallup top, 5870'-5770')**: Mix 12 sxs cement and spot balanced plug inside the casing to cover the Gallup top. PUH to 4760'.
6. **Plug #3 (Mesaverde top, 4760'-4660')**: Mix 12 sxs cement and spot balanced plug inside the casing to cover the Mesaverde top. PUH to 3350'.
7. **Plug #4 (8-5/8" csg shoe and Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 3350'-2640')**: Mix 59 sxs cement and spot balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1305'.
8. **Plug #5 (Nacimiento top, 1305' – 1205')**: Mix 12 sxs cement and spot balanced plug inside casing to cover Nacimiento top. PUH to 445'.
9. **Plug #6 (13-3/8" Surface casing, 445' - 355')**: Pressure test the bradenhead annulus to 300#. If it holds pressure, then mix 12 sxs cement and spot balanced plug inside casing to cover the surface casing shoe. TOH and LD tubing. If the annulus does not test, then perforate 3 HSC squeeze holes at 455'. Establish circulation to surface with water. Mix approximately 220 sxs cement and pump down the 4-1/2" casing to circulate cement to surface. SI well and WOC.
10. **Plug # (Surface, 50' - Surface)**: Perforate 3 HSC squeeze holes at 50'. Establish circulation to surface with water. Mix approximately 30 sxs cement and pump down the 4-1/2" casing to circulate cement to surface. SI well and WOC.

1. The first part of the document is a list of the names of the members of the committee who have been appointed to study the problem of the

Lindrith B Unit #24

Current

Chacon-Dakota Associated

Lat: 36° 19' 11" Long: 107° 9' 56" API # 30-039-23241

(N), Section 9, T-24-N, R-3-W, Rio Arriba County, NM

Today's Date: 10/26/01
Spud: 8/16/83
Comp: 9/29/83
Elevation: 6869' GL
6879' KB

17-1/2" Hole

4-1/2" TOC at Surface, circulated 5 sxs cement;
8-5/8" TOC Unknown, 50 sxs(127') pumped into
BH annulus, then took 8 bbls water to load (96' down

13-3/8" 48#, H-40 Casing @ 395'
Cmt with 560 cf (Circ. 75 sx to surface)

TOC Unknown, would be at surface with 75% calc.;
But lost circulation while cementing.

Nacimiento @ 1255'

Ojo Alamo @ 2690'

Kirtland @ 2850'

Fruitland @ 2970'

Pictured Cliffs @ 3170'

11" Hole to 3300'

8-5/8" 24# Casing @ 3300'
Cement with 875 sxs (1287 cf)
Lost circulation while cementing,
WOC for 2 hours then pumped 50 sxs
down annulus, TOC 96' from surface.

Mesaverde @ 4710'

DV Tool @ 5344'
Cement with 1314 cf,
Circulate 5 sxs cement to surface

Gallup @ 5820'

2-3/8" Tubing @ 7512'
(EUE, SN @ 7474')
Baker TAC @ 7188'

Dakota @ 7550'

Dakota Perforations
7284' - 7572'

PBTD 7530'

7-7/8" Hole to TD

TD 7750'

4-1/2" 9.5# Casing @ 7750'
Cemented with 910 cf
Circulate 35 sxs cement to surface

Lindrith B Unit #24

Proposed P&A

Chacon-Dakota Associated

Lat: 36° 19' 11" Long: 107° 9' 56" API # 30-039-23241
(N), Section 9, T-24-N, R-3-W, Rio Arriba County, NM

Plug #7 50' -Surface
Cmt with 30 sxs

Today's Date: 10/26/01
Spud: 8/16/83
Comp: 9/29/83
Elevation: 6869' GL
6879' KB

17-1/2" Hole

4-1/2" TOC at Surface, circulated 5 sxs cement;
8-5/8" TOC Unknown, 50 sxs(127') pumped into
BH annulus, then took 8 bbls water to load (96' down

13-3/8" 48#, H-40 Casing @ 395'
Cmt with 560 cf (Circ. 75 sx to surface)

Perforate @ 50'

Plug #6 445' - 345'
Cement with 12 sxs

TOC Unknown, would be at surface with 75% calc.;
But lost circulation while cementing.

Plug #5 1305' - 1205'
Cement with 12 sxs

Nacimiento @ 1255'

Ojo Alamo @ 2690'

Kirtland @ 2850'

Fruitland @ 2970'

Pictured Cliffs @ 3170'

Plug #4 3350' - 2640'
Cmt with 59 sxs

11" Hole to 3300'

8-5/8" 24# Casing @ 3300'
Cement with 875 sxs (1287 cf)
Lost circulation while cementing,
WOC for 2 hours then pumped 50 sxs
down annulus, TOC 96' from surface.

Mesaverde @ 4710'

Plug #3 4760' - 4660'
Cmt with 12 sxs

Gallup @ 5820'

DV Tool @ 5344'
Cement with 1314 cf,
Circulate 5 sxs cement to surface

Plug #2 5870' - 5770'
Cement with 12 sxs

Dakota @ 7550'

Set CIBP @ 7234'

Plug #1 7234' - 7134'
Cement with 12 sxs

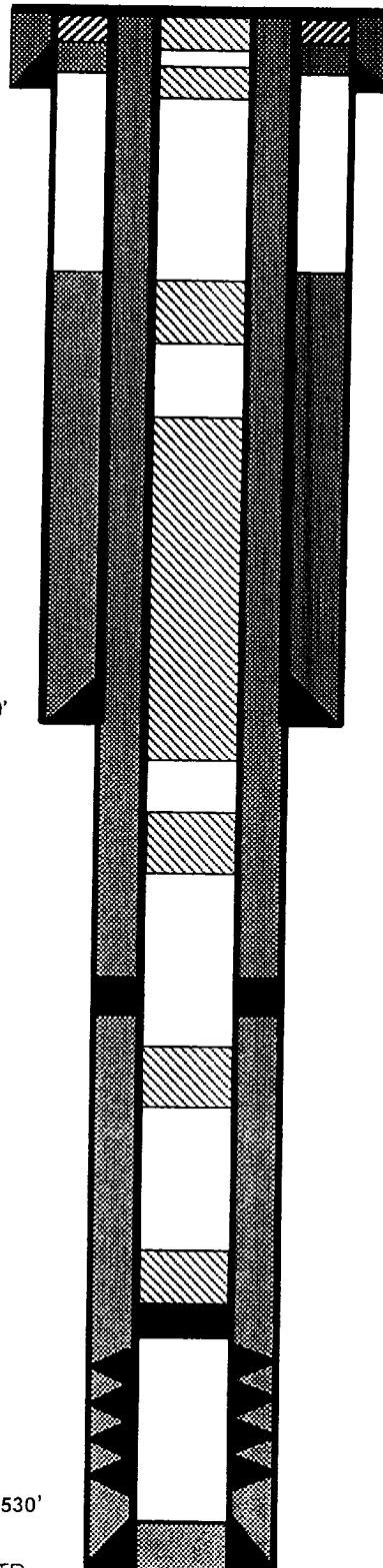
Dakota Perforations
7284' - 7572'

PBTD 7530'

4-1/2" 9.5# Casing @ 7750'
Cemented with 910 cf
Circulate 35 sxs cement to surface

7-7/8" Hole to TD

TD 7750'



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A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Conoco Inc.

Lindrith B Unit #24

789' FSL & 1395' FWL, Section 9, T-24-N, R-3-W

Rio Arriba County, NM

Fee Lease

API 30-039-23241

April 19, 2002

Page 1 of 1

Mechanical Integrity Test:

4-16-02 Rig up Unicem pump truck and pen recorder.
Load casing with 10 bbls of water.
Pressure up casing to 780 psi.
Monitor casing pressure for 30 minutes, pressure decreased to 760 psi.
Rig down equipment.

Test successful.

