

36-175-37W

CIMARRON EXPLORATION COMPANY

NORTH PANOMA PROSPECT

DRILLING REPORT

Week of July 3 thru July 9, 1976

LINDBERG #1
Sec. 36-17S-37W
Wichita County, Kansas

7/6

Pumped 24 hrs - rec. 100 MCFGPD and
25 BFW - Testing.

OWLL

Week of May 22 thru 28, 1976
Drilling Report

LINDBERG #1
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Wichita County, Kansas

22nd, 23rd, 24th -	SICP 585 PSI.
25th -	Rigged up Patrick Well Service, blew well down - well flowed to pit 4 hr. Ran 85 jts. 2-1/16" tubing - bottom of tubing 2821'.
26th -	Ran rods and pump - installed pumping unit. Started well pumping - no gauge.
27th -	Casing pressure 240 PSI - pumped 21 hr. Recovered 60 BFW - casing pressure 570 PSI.
28th -	Pumped well with Klaeger Pumping Unit 3 hr. Recovered 10 BFW, CP decreased to 40 PSI. Unable to unload well with Klaeger Unit. Shut in.

Weekly Well Report

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5-8-76	Swabbed 5 hr. Recovered 100 BLW, 274 bbls to be recovered. Gas flaring w/swabbed water.
5-9-76	Swabbed 10 hr. Recovered 240 BLW, 34 BLW to be recovered. Swabbing fluid level 2400'.
5-10-76	14 hr. shut in casing pressure 60 PSI. Swabbed 9 hr. Recovered 34 BLW, 74 BFW with good gas flow ahead of swab and gas flaring with swabbed water. Swabbing fluid level 1900'.
5-11-76	14 hr. shut in casing pressure 150 PSI. Swabbed 10 hr. Recovered 120 BFW. Good gas blow ahead of swab. Gas flaring with swabbed water. Swabbing fluid level 1900'.
5-12-76	14 hr. shut in casing pressure 530 PSI. Swabbed well 4 hr. Recovered 10-15 bbls heavily GCFW - no solid fluid in hole. Gas flaring 600-800 MCF behind swab. Shut well in - prep to run tubing, rods and pump when unit is available.
5-13-76	Shut in casing pressure 560 PSI.

5-5-76

Perforated Harrington zone 2712-18'
w/12 3/8" DP shots. Perforated
Krider zone from 2752-58' w/12 3/8"
DP shots.

5-6-76

Swabbed well dry. Recovered 11-1/2
bbls acid load water. Gas flared
ahead of swab. Prep to frac.

5-7-76

Fraced well w/20,000 gal. gelled
water w/1 lb. 10-20 sand per gal.
Max pressure 2150, average 987,
final pressure 1650, ISIP vacuum,
Average injection rate 11.85 BPM.
To be recovered 474 bbls. Swabbed
4 hrs. from 1400'. Recovered
100 BLW. 374 bbls. to be recovered.

Weekly Well Report
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4-22-76

Ran Gamma Correlation and Cement Bond Logs Perforated Winfield 2782-90' with 16 shots. Moving in rig to swab test and acidize.

4-23-76

Moved in Patrick well service rig. Swabbed well dry with no show of gas. Acidized 1000 gal. 15% HCLs. Formation broke at 900 PSI. ISIP after breakdown vacuum. Pumped flush at 6 BPM at 100 PSI. Maximum injection pressure 100 ISIP vacuum. Swabbed flush water and 7-1/2 bbls. acid water. Well swabbed dry. SI for night. Total fluid recovered 62-1/2 bbls. To be recovered 16-1/2. 20 PSI casing pressure this AM. Swabbed dry in one run. Recovered 5 bbls. acid water. To be recovered 11-1/2 bbls.

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4-10-76 Drlg. 1900' Shale and Limestone.
4-11-76 Drlg. 2680' Shale and Dolomite.
4-12-76 Logging - TD 3130' Lime, Shale and Dolomite.
Reached TD 11:30 PM 4-11-76.
4-13-76 Finished logging - laid down drill pipe.
Ran 73 jts. 4-1/2" 9-1/2# casing set
at 3130'. Cemented w/180 sxs. 50-50 pos,
2% gel, 37% salt. Plugged down 6:30 PM
4-12-76. Rig released 7 PM 4-12-76.
4-15-76 Shut in.

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4-29-76 Shut in.

RECEIVED

V.O.
APR 29 1976

LINDBERG #1

RECEIVED
MAR 20 1977

3-8-77 Repaired engine - POT @ 2:30 p.m. Bled csg to 75 psi & SI.
Running on CH gas.

MAR 9 1977 P 150 BW/24 rhs. LTR 381 BLO.

MAR 10 1977 P 110 BW/14 rhs. Venting 4 MCFPD.

MAR 11 1977 P 156 BW/24 rhs. Gas TSTM. (making some gas out tbg.)

MAR 12 1977 P 192 BW/24 hrs. slight gas blow.

MAR 13 1977 P 70 BW/9 hrs. CP 4 psi. (Down - belts)

MAR 14 1977 P 170 BW/24 hrs. 7 SPM. Venting some gas.

MAR 15 1977 P 165 BW/24 hrs. CP 12 psi, venting 4 MCFPD

MAR 16 1977 P 160 BW/24 hrs. CP 12 psi, 4 MCFGPD

MAR 17 1977 P 140 BW/24 hrs. CP 35 psi. 1/8" choke, flaring 11 MCFPD.

MAR 18 1977 P 170 BW/24 hrs. CP 35 psi, 11 MCFPD

MAR 19 1977 P 155 BW/24 hrs. CP 35 psi, 11 MCFPD

MAR 20 1977 P 100 BW/24 hrs. CP 30 psi, 9.4 MCFPD

MAR 21 1977 P 126 BW/24 hrs. CP 20 psi, 9.4 MCFPD

MAR 22 1977 P 110 BW/24 hrs. CP 30 psi. 14.2 MCFPD

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4-9-76

Moved in and rigged up. Drilled 12-1/4" surface hole to 345'. Ran 8 jts. 8-5/8" 20# casing 344', set at 341'. Cemented w/250 sxs. reg. w/3% cc. Cement circulated. Plugged down at 9:15 PM 4-8-76. WOC.

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6/7 -

SICP 550 psi

6/8 -

Pulled rods & pump - dropped standing valve - Swabbed well 2 hrs - Casing pressure increased to 500 psi - fluid scattered from 2800' to 900'

6/9 -

Swabbed well 8 hrs - CP 580 psi - Well flows 45 min to 1 hour after swab - flowing 300-500 MCF

6/10 -

Swabbed well 4 hrs, rec. average 5 bbls wtr/hr - estimated gas recovery 300-500 MCF/GPD

1203WPT

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1st -	SICP 580 PSI.
2nd -	SICP 480 PSI
3rd -	SICP 550 PSI
4th -	SICP 550 PSI.

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LINDBERG #1
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14th thru 19th -	SI casing pressure 570 PSI.
20th & 21st -	SI casing pressure 585 PSI.

LINDBERG 7F1
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6/12 -

SICP 590 psi - prep to put on pump

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LINDBERG 7F1
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6/24

Rigged up to pull 2-1/16" tbg - will run
2-1/2" tbg and rods and put on pump to test

6/25

Ran 2817' of 2-7/8" tbg, 3-1/4" rods and pump -
started well pumping

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