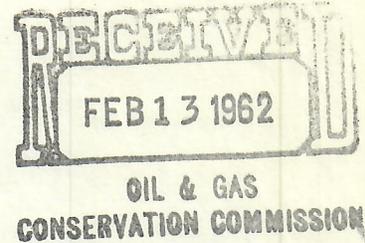


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December 5, 1961

WELL REPORT

OPERATOR: Texota Oil Company
WELL NAME: #1 Lewis
LOCATION: C SW NW Section 12, Township 7N, Range 58W.
COUNTY: Weld County, Colorado
FIELD: New Rayneb
CONTRACTOR: Love-Miller Drilling Company
ELEVATION: 4760 Ground; 4770 KB
CASING: 8-5/8" @168' w/135 sacks; 5-1/2" (depth not available)
COMMENCED: 11/20/61
COMPLETED: 12/1/61 (Ran 5-1/2" casing)

FORMATION TOPS.

Niobrara	5453
Fr. Hays	5740
Carlile	5767
Greenhorn	5864
Bentonite	6120
"D" Sand	6225 (-1455)
"J" Sand	6309 (-1539)
TD (Electric Log)	6358
TD (Driller)	6390 (Drilled deeper after log was run)

CORE DISCRPTION

(Depths Corrected to Electric Log)

Core #1	6225-1/2 - 65-1/2	Recovered 40'
6225-1/2 - 26-1/2	1'	Sand, quartzitic, gray, hard tight, no show.
26-1/2 - 27-1/2	1'	Shale, black, silty.
27-1/2 - 29-1/2	2'	Siltstone, hard, tight, no show
29-1/2 - 31	1-1/2'	Shale, black, silty, hard
31 - 34-1/2	3-1/2'	Silt and shale, slightly reworked, hard, tight, black Carbonaceous inclusions.

DRILL STEM TEST continued

Final Flow Pressure	1287
Initial Shut-In Pressure	1675 (30")
Final Shut-In Pressure	1675 (30")
Initial Hydrostatic Pressure	4028
Final Hydrostatic Pressure	3284

DST #3

6311 -20
 Open 2 hours, weak blow increasing to strong in 9",
 continued throughout test, gas to surface 10".
 Recovered 120' Free oil
 300' mud-cut oil (80 % oil)
 Initial Flow Pressure 52#
 Final Flow Pressure 174
 Initial Shut-In Pressure 1919 (false)
 Final Shut-In Pressure 1686
 Initial Hydrostatic Pressure 3809
 Final Hydrostatic Pressure 3317

SAMPLE DESCRIPTION

- 5453 - 5600 Shaley lime, speckled, soft, gray to brown.
- 5600 - 5664 Shale, Limey in part.
- 5664 - 5740 Lime & Shale streaks
- 5740 - 5767 Lime streaks, white, chalky in part
- 5767 - 5864 Shale
- 5864 - 6120 Streaks of lime, shale and silt, scattered bentonite.
- 6120 - 6123 Bentonite
- 6123 - 6225 Shale
- 6225 - 6265 See core description
- 6265 - 6290 Shale, black
- 6290 - 6309 Silt and Silty shale
- 6309 - 6321 Sand, poor to fair porosity, very friable in part,
 fine grain, trace white sand with black tar-like
 specks, scattered tan oil stain, good fluorescence.
- 6321 - 6328 Silt and silty shale
- 6328 - 6336 Sand, buff, fine grain, friable, good porosity, good
 stain and fluorescence.
- 6336 - 6346 Sand, fine to medium gr., white, clear clay filled
- 6346 - 6369 Sand, slightly friable, poor to fair porosity dull fluorescence.
- 6369 - 6390 Sand slightly clay filled, soft, white to light gray grading to
 brown toward base.



CORE DESCRIPTION - continued

34-1/2 - 37	2-1/2'	Sand, quartzitic in part, hard, tight, thin streaks of stain and fluorescence, slightly reworked with paper thin black shale laminae.
37 - 40	3'	Sand, hard, tight, slightly quartzitic, solid stain and fluorescence, weak odor.
40 - 41-1/2	1-1/2'	Shale and siltstone.
41-1/2 - 55-1/2	14'	Shale, hard, black, silty.
55-1/2 - 65-1/2	10'	Shale, black, soft.

CORE ANALYSIS

DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION	
	Horizontal	Vertical		OIL % volume % pore	Total Water % Pore
Drig. (Log)					
6232 6237	2.5	1.6	10.0	15.0	29.0
6233 6238	17	16	11.4	14.9	28.1
6234 6239	2.3	1.5	8.8	10.2	26.2

DRILL STEM TESTS

(Depths corrected to Electric log)

DST #1 5235-1/2 -65-1/2
 Open 1-1/2 hours, weak blow for 40" and then died.
 Recovered 90' watery mud.
 Initial Flow Pressure 41#
 Final Flow Pressure 61
 Initial Shut-In Pressure 1601 (30")
 Final Shut-In Pressure 1246 (30")
 Initial Hydrostatic Pressure 3317
 Final Hydrostatic Pressure 3230

DST #2 6329-34
 Open 2 hours, strong blow, gas to surface
 9", oil to surface 90"
 Tool shut in and let hang over-night
 Recovered 2751' Oil
 118' OCM
 Initial Flow Pressure 308