

XXXXX No. 14-20-603 2032
Co Lse No. 234869
XXXXX

X			

REPORT OF INTERFERENCE DURING	SUPPLEMENT REPORT OF WATER SHUT-OFF
REPORT OF INTERFERENCE DURING	SUPPLEMENT REPORT OF SHOOTING OR ACIDIZING
REPORT OF INTERFERENCE DURING	SUPPLEMENT REPORT OF ALTERING CASING
REPORT OF INTERFERENCE DURING	SUPPLEMENT REPORT OF RE-DRILLING OR REPAIR
REPORT OF INTERFERENCE DURING	SUPPLEMENT REPORT OF ABANDONMENT
REPORT OF INTERFERENCE DURING	SUPPLEMENTARY WELL HISTORY
REPORT OF INTERFERENCE DURING	9-4-11

4. DATE WHEN INFORMATION WAS FIRST RECEIVED (OR OTHER DATA)

Survey, Office of Indian Affairs November 17, 1962

1. DISTRICT NO. 2 MAP SHEET NO. 100 AND 100 FT. FROM 100 LINE OF SECTION 31
 2. CORNER OF NW 1/4 SECTION 16
 3. (S. 20° 15' E. 1/4) (N. 20° 15' E. 1/4) (MERIDIAN)
 4. North Fork Rio Grande New Mexico
 (COUNTY) (STATE OF TEXAS)

ELEVATION OF THE SURFACE OF THE LUNAR SURFACE 5114.985

THE NEW YORK PUBLIC LIBRARY

1. The Commission has received information that the proposed casino would be located on the site of the former Nevada State Prison, which is a former federal prison. The Commission is currently reviewing the proposed casino and has not yet made a decision on whether to approve the project. The Commission is also reviewing the proposed casino's location and the proposed casino's impact on the surrounding community. The Commission is currently reviewing the proposed casino and has not yet made a decision on whether to approve the project. The Commission is also reviewing the proposed casino's location and the proposed casino's impact on the surrounding community.

Drilled from 6600 to 6612, good DSI from 6600-6612, 1" top and 5/8" bot ck, lost gas 1 1/2 hrs. at weak blow for 1 hr and decreased to weak blow for 30-min. Gas at surface for 1 hr, closed at rate of 40.4 mcf/day for 1 hr, decreased to 28 mcf/day last 30 min. Res. 45% heavy gas cut and slight oil cut mud. Corred. from 6615 to 6680, 1 1/2" top and 5/8" bot ck, very light show of oil and gas from 6615-6616, very dense and tight. Corred. from 6615-6680 rec 45%, had trace porosity, slight show of oil and gas. Cut core from 6680-6683, rec 28' dol., lm & shale with trace porosity and gas cut. 6684-6686, and 6688-6689. Cut core from 6688-6692, rec 28' dol., lm & sh, good show of oil. 6693-6695, good porosity with odor 6610-6612. DST Paramo. rec 45.1% oil, 1 1/2" top and 3/4" bottom ck, good to weak blow at surface for 10 min. Gas at surface for 2 hrs at rate of 49.2 mcf/d. Res. 45.0% heavy gas cut and slight oil. Drilled to 7200, DSI from 7200-7229, 1" top, 3/4" bot ck, good show of surface for 30 min, lost 30' drlg mud, 180' slight gas cut

2. NO FUEL OR OIL shall be used until the fuel system is checked and found to be satisfactory. FUEL SUPPLY BEFORE OPERATIONS MAY BE COMMENCED.

[illegible]

100-443887-1000

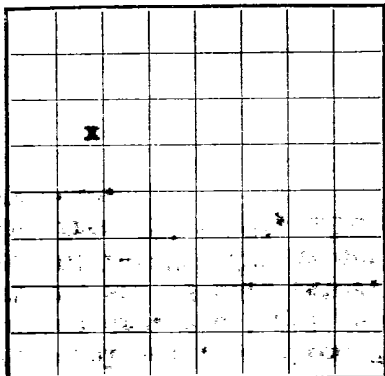
10-10-68

Journal of Management Inquiry 20(4) 407-422



Humble Oil & Refining Company
Navajo Tribe of Indians K, Well #2

and salt water cut drilling mud, 1836' of heavy gas cut salt water. Drill to 7350'. DST 7330-7350', 1" top and 5/8" bottom ck, strong blow for 55 min, gas to surface 8 min, gas at rate of 49 mcf/day. Salt water to surface in 35 min. Made heavy gas cut 8 8 1/2 gal salt water at 30 BPM. Drilled to TD 7360'. Ran Logs. Set cmt plug 7360-7400 w/50 sx cmt, set 2nd plug from 6730-6630' w/30 sx cmt. Ran 1089' (25 jlt) 5" OD Liner, bottom of liner at 6621, top of liner at 6535, cmt w/150 sx 4 1/2 gal cmt PCB 7:40 AM 10-27-60, Top of cmt 4800' by temp survey. Ran Baker full bore cementer set 6489'. Perf 5" liner 6583-6585' w/2 shots per ft. Swab dry in 5 hrs (water). Swab 10 hrs rec 63 bbls salt water. Swab 10 hrs rec 99 bbls salt water. Swab 4 hrs rec 20 bbls salt water. Squeezed perf in 5" liner from 6583-6585' w/75 sx neat cmt. Squeeze tool set at 6489', reversed out 10 sx, plug in place at 1:30 PM 11-2-60. Set full bore cementer at 6038, perf 5" liner from 6110-6120 w/2 shots per ft. Swab 3 hrs rec 28 bbls water. Swab 10 hrs rec 57 bbls fluid (96% drlg mud, 4% water, with slight oil stain). Swab 6 hrs rec 16 bbls fluid, 50% mud, 50% water. Swabbed dry. Washed perf w/500 gal acid. Swabbed 7 hrs, rec 48 bbls fluid (32 - treating acid, 16 - old cut drilling mud). Swab 6 hrs rec 28 bbls oil, swabbed dry. Swab 10 hrs rec 2 bbls gas cut mud and 11.73 bbls water. Swab 10 hrs, rec 202 bbls salt water. Prepare to plug and abandon. Set plugs as follows: Squeeze perf from 6120-6110 w/75 sx. Place plug from 6120-6110, place plug from 5555-5355' w/50 sx, and from 25' to 0' w/10 sx. Install dry hole marker as required by LMCCC.



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Mumble Oil & Refining Company** Address **Box 2347, Hobbs, New Mexico**
Lessor or Tract **Navajo Tribe of Indians I** Field **North Hogback** State **New Mexico**
Well No. **2** Sec. **31** T. **30N** R. **16W** Meridian **WPM** County **San Juan**
Location **3300** ft. **N** of **8** Line and **4200** ft. **W** of **1** Line of **Section 31** Elevation **5114**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____ Title **Agent**
Date **December 30, 1960**

The summary on this page is for the condition of the well at above date. **Well Completed 11-19-60**
Commenced drilling **August 28**, 19 **60** Finished drilling **October 24**, 19 **60**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **surface** to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **surface** to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
16	20	8	Wink	193	Turned Down Collar				Surface
10-3/4	10.5	8-5/8	Wink	1582	Wink				Intake
7-5/8	20.5	8	Wink	9802	Wink				Intake
5	18	8	Wink	1089	Wink				Intake

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16	210	250	Halliburton		
10-3/4	2608	950	Halliburton		
7-5/8	5600	175	Halliburton		
5	6625	150	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
none						

TOOLS USED

Rotary tools were used from **0** feet to **7360** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **dry hole**, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

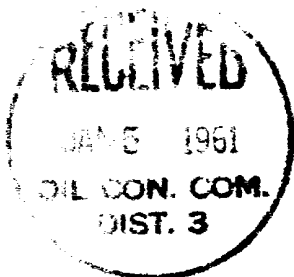
_____, Driller _____, Driller
Ulin Glover, Driller **N. E. Gayman**, Driller
Harlon Laurence

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	215	215	Sand
215	650	435	Shale
650	1126	476	Shale & Sand
1126	1495	369	Sand, Shale, Anhydrite
1495	2325	830	Shale & Sand
2325	2845	520	Shale
2845	3291	446	Red Shale
3291	4127	836	Sand & Shale
4127	7360	3233	Line & Shale

Formation Tops

Carpel	-	2255
Cutler	-	4088
Harbosa	-	5468
Paradox	-	6205
Molas	-	7060
Leaville	-	7190



[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

Spudded 9-5/8" hole at 6:00 Pm 8-28-60. Reamed to 20" hole. Ran 199' of 16" 70# casing set at 210'. Core #1 from 315-344, rec 9' sand & shale. Core #2 from 344 to 370, rec 25', 9' sandy shale and 16' shaley sand. Drilled to 2325. Ran 1592' of 10-3/4" csg, pipe stuck, set at 1608, cnt w/950 sx cnt. Took DST #1 from 5421 to 5463, rec 10' drilling mud. Drilled to 5600', ran 9384' of 7-5/8" csg, set at 5600', cnt w/165 sx cnt 1st stage, cnt to DV tool at 2360'. Cnt w/325 sx cnt 2nd stage, cnt channeled. Took DST #2 from 5999-6129, tool open 1 1/2 hrs, flowed at rate of 606.4 mcf/day for 1 hr decreased to 381 mcf/day last 30 min, rec 555' hvy gas cut mud and slight oil cut mud. Core #3 from 6186-6237, rec 51' lime & shale - no show. Core #4 from 6335 - 6386, rec 51', lime and shale, very light show of oil and gas from 6341 to 6346. Core #5 6515 to 6560, rec 45', 43' lime, 1' chert, 1' shale, had trace porosity, slight show oil 6526-6528. Core #6 from 6560-6588, rec 28' dolo, lime and shale w/trace porosity and slight show 6561-6562 & 6572-6585. Core #7 from 6588-6624, rec 36', dolo, lime and shale, good odor in dolo 6588-6593, good pore w/odor 6612-6618. DST #3 from 6554-6624, good to weak blow at surface for 120 min, rec 4524' hvy gas cut salt water. DST #4 from 7200-7229, good blow at surface for 60 min, rec 30' drilling mud, 180' slight gas cut salt water cut drilling mud, 1896 of heavy gas cut salt water. DST #5 from 7330-7350, strong blow for 55 min, gas at rate of 49 mcf day, salt water to surface in 35 min. Drilled to total depth of 7360'. Set cnt plug from 7360-7160 w/30 sx neat cnt, set plu #2 from 6730-6630 w/30 sx neat cnt. Ran 1089' 5" 18# liner, top of liner 5535, bottom of liner 6624, cnt w/150 sx, top of cnt 5800'. Perf 5" liner from 6583-6585 w/2 shots per ft, swabbed 34 bbls wtr in 5 hrs, swabbed dry, good blow of gas after each run. Swabbed 10 hrs rec 63 bbls salt water, slight show of gas after each run. On 10 hr swab test rec 99 bbls salt water. On 4 hr swab test rec 20 bbls salt water. Squared perf in 5" liner from 6583-6585 w/75 sx neat cnt. Perf 5" liner from 6110-6120 w/2 shots per ft. Swabbed 3 hrs rec 26 bbls salt water w/slight show drilling mud. Swabbed 10 hrs rec 57 bbls fluid, 96% drlg mud and 4% water w/slight oil stain. Swabbed 6 hrs rec 16 bbls fluid, 50% mud, 50% water. Washed perf from 6110-6120 w/500 gal acid. Swabbed 7 hrs rec 48 bbls fluid. Swabbed 6 hrs rec 20 bbls oil, swabbed dry, rec 5 gal gas cut mud per hour. On 10 hr swab test rec 2 bbls hvy gas cut mud and 73 bbls water. Swabbed 10 hrs rec 202 bbls salt water. Spotted plug from 6174-5875 w/25 sx cnt. Spotted plug from 5555-5355 w/50 sx cnt. Spotted surface plug from 25' to 0', w/10 sx cnt. Installed dry hole marker as required by NMCC. Dry Hole.