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JUN 11 1959 DE
OIL CON. COM.
DIST. 3

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
NATIVE TRIBE _____
DATE _____

UNITED STATES 14-20-
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LEASE WILL CORRECTLY

Company	<u>Gulf Oil Corporation</u>	Production Department	
		Address	<u>P. O. Box 3113, Durango, Colorado</u>
Lessor or Tract	<u>Amarillo-Navajo</u>	Field	<u>Unnamed</u> State <u>New Mexico</u>
Well No.	<u>2</u> Sec. <u>22</u> T. <u>28N</u> R. <u>11W</u> Meridian		<u>NPM</u> County <u>San Juan</u>
Location	<u>660</u> ft. <u>XXX</u> of <u>N</u> Line and <u>660</u> ft. <u>XX</u> of <u>E</u> Line of <u>Section</u>		Elevation <u>5690.5'</u> KB

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 _____ W. D. MITCHELL

Date 6-9-59 Title Area Production Syst.

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-8-59, 1959 Finished drilling 5-1-59, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5140' to 5160' 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 None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	310'	190	Pump and plug.		
5-1/2"	5904'	147	Pump and plug.		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ **Baker Type "K" CI cement retainer set at 5000'.** _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to TD 5904' feet, and from _____ feet to _____ feet
Cable tools were used from for completion feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- 19-----

The production for the first 24 hours was 52 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 11.2

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
 -----, Driller -----, Driller
 -----, Driller -----, Driller

FORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			E-LOG TOPS
1030	1946	916	Pictured Cliffs
1946	3627	1681	Cliffhouse
3627	3855	228	Pt. Lookout
3855	4745	890	Mances
4745	5210	465	Gallup
5210	5582	372	Sanaskee
5582	5640	58	Greenhorn
5640	5690	50	Graneros
5690	5884	194	Dakota
5884	5904 TO	20	Morrison
AT THE END OF COMPLETE DRILL LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM EL OR SAMPLES			

AT THE END OF COMPLETE DRILLER'S
LOG, ADD GEOLOGIC TOPS. STATE
WHETHER FROM EL OR SAMPLES.

Core No. 1, 5082'-5112', recovered 37' shale
2' sand w/ sh stringers
11' shale
1' sand w/ sh stringers
1' shale
Bleeding oil 5108'-5112' and 5116'-5123'

Core No. 2, 5112'-5182', recovered 1' sand, slight bleeding oil
17' sand, stain w/ occasional sh partings
22' shale

Core No. 3, 5682'-5708', recovered 3' interbedded sd and sh
7' sand, no show
2' siltstone

Core No. 4, 5708'-5710', recovered 2' siltstone

Core No. 5, 5710'-5716', recovered 16' sand, no show

Core No. 6, 5716'-5805', recovered 59' siltstone and sand, no shows.

Core No. 7, 5806'-5833', recovered 26.5' sh, siltstone and sd, no shows.

Core No. 8, 5833'-5878', recovered 47' sh, sd and conglomerate; no shows.

DST No. 1, 5074'-5182', mis-run, unable to get tool to bottom.

DST No. 1-A, 5074'-5182', open 2 hrs, recovered 840' heavily gas cut mud
60' heavily oil and gas cut mud.
No free oil

DST No. 2, 5680'-5805', mis-run, unable to get tool to bottom.

DST No. 3, 5687'-5806', open 1 1/2 hrs, recovered 270' mud of which bottom 50' very slightly gas cut.

DST No. 4, 5806'-5904', open 1 1/2 hrs, recovered 260' gas cut mud
60' gas and salt water cut mud.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "widetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

COMPLETION AND TESTING

Perforated Dakota, 5848'-5882' w/2 bullets and 2 jets/ft- treated w/500 gals mud acid, fractured w/35,000 gallons water, 35,000' sand.

After recovering 778 bbls load water in 6 days, swabbed and flowed 80 bbls load water in 12 hrs, slight amount of gas following swab. Casing pressure pressure dropped from 900# (overnight buildup) to 375# and remained throughout while swabbing from 5882'.

Squeezed perfs 5848'-5882' w/25 ex cement, set Baker Type K CI cement retainer at 5800'.

Perforated Gallup, 5140'-5150', w/2 bullets and 2 jets/ft- treated w/750 gals mud, acid, fractured w/25,000 gallons oil, 25,000' sand.