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JUN 15 1961

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
FARMINGTON, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Aztec Oil and Gas Company Address Drawer # 278, Farmington, New Mexico
Lessor or Tract COMMONS Field Basin Dakota State New Mexico
Well No. 2-3 Sec. 32 T. 30N R. 15W Meridian 10.0.0.0. County New Mexico
Location 1740 ft. N. of 1 Line and 11 ft. W. of 1 Line of Section 32 Elevation 5460 G.M.S.
(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 ORIGINAL SIGNED BY JOE C. SALMON
Date June 11, 1961 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling 5/11/61, 19..... Finished drilling 5/17/61, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 6021 (G) No. 4, from 0 to 0
No. 2, from 0 to 6021 (G) No. 5, from 0 to 0
No. 3, from 0 to 0 No. 6, from 0 to 0

IMPORTANT WATER SANDS

No. 1, from 0 to 0 No. 3, from 0 to 0
No. 2, from 0 to 0 No. 4, from 0 to 0

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
5/8	24	8	J-55	1000	plug	0 to 1000			
1 1/8	35	8	J-55	1000	plug	1000 to 2000			
1 1/2	45	8	J-55	1000	plug	2000 to 3000			
2 3/8	67	8	J-55	1000	plug	3000 to 4000			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	315	250	displacement		
1 1/2	3275	550	two plug		
2 3/8	3015	--			

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
sand-water fracs with 60,000 sand, 1000 lbs. water, 10 lbs. water breaker, r.- 2100, maximum - 1100, avg. treating pr.- 2000, i.l.s. - 42 lb. 5.000 shot-l. r.- 1000 dropped 70 rubber ball sealers.						

TOOLS USED

Rotary tools were used from 0 feet to 6276 feet, and 2000 feet to 0 feet
Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet

DATES

5/30/61, 19..... Put to producing 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 ACF - 3413 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2076

EMPLOYEES

....., Driller Driller
....., Driller Driller

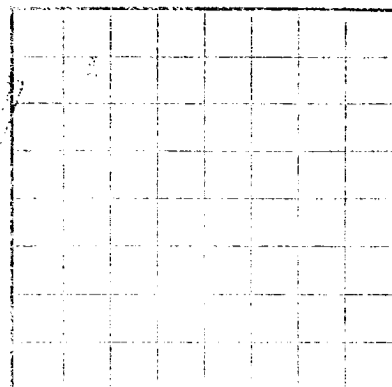
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	103	103	boulders
103	325	162	sand, shale, boulder
325	340	209	sand and shale
340	1721	1721	sand and shale
2281	3390	339	sand and shale
2770	3370	270	sand and shale
3246	3723	377	sand and shale
3723	3723	282	sand, shale, siltstone
3975	4204	429	sand and shale
4204	4405	444	sand, shale w/ silt
4405	4500	445	sand and shale
4500	4550	450	shale w/ silt and sand
4550	5032	482	sand and shale
5032	5925	393	sand and shale
5925	6087	162	sand and shale
6087	6140	53	sand
6140	6159	19	shale, sand, chert
6159	6160	21	sand
6160	6205	29	sand w/ shale streaks.
6205	6276	71	sand and shale

F. CLIFFS- 2194
C. HOUSE- 3102
T. Lookout- 165
Gallup- 5152
Ganneros- 572
Dakota - 607

U.S. LAND OFFICE
Serial Number
Filed on Permit to Prospect

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOG OF OIL OR GAS WELL

Company
Lessor or Tract
Well No.
Location
The information on this page is for the condition of the well at the date of completion of drilling.
Date

OIL OR GAS SANDS OR ZONES

(Assess as by G)
No. 1 from
No. 2 from
No. 3 from
No. 4 from
No. 5 from
No. 6 from
No. 7 from
No. 8 from
No. 9 from
No. 10 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

with 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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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

U. S. GOVERNMENT PRINTING OFFICE

Table with columns: FROM, TO, TOTAL FEET, FORMATION. Rows include: FORMATION RECORD, EMPLOYEES, DATES, TOOLS USED, SHOOTING RECORD, PLUGS AND BRIDGES, MUDDING AND GRAPING RECORD.

FORMATION RECORD—Continued

LOG T. WALK