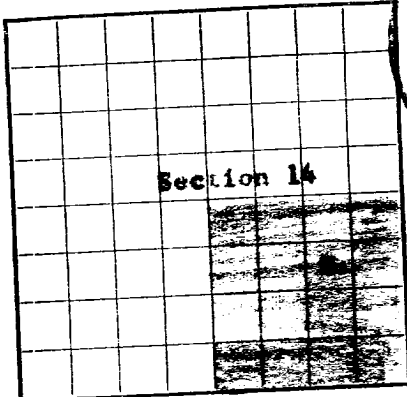
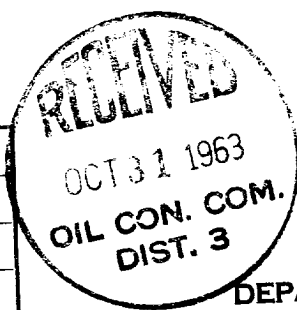




LOCATE WELL CORRECTLY

U. S. LAND OFFICE San Jose
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
Jicarilla Tribal Lease No. 160
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**LOG OF OIL OR GAS WELL**Company Star-Alan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Jicarilla "C" No. 160 Field Undesignated PC State New Mexico
Well No. 2 Sec. 14 T. 23N R. 2W Meridian NMPM Rio Arriba County
Location 1850 ft. N. of S. Line and 790 E. of W. Line of SE/4 Elevation 7277
(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 RICHARD S. HUNT Title Mgr. of Lands & ExplorationsDate October 28, 1963

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

Commenced drilling 9-3-62, 19____ Finished drilling 9-6-62, 19____**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 2966 to 2988 (g) No. 4, from _____ to _____
No. 2, from 3024 to 3034 (g) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____**IMPORTANT WATER SANDS**No. 1, from _____ 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—	
8 3/8"	24.5	8	GPI	105'			2966	2988	Producing
4 1/2"	20.5	8	GPI	3007'			3024	3034	
1 1/4"	4.34	8	CPI	3000'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 3/8"	105'	60	allbar		
4 1/2"	3057'	100			

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

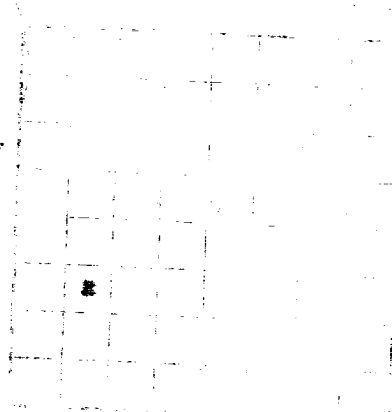
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USEDRotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from -0- feet to 3090 feet, and from _____ feet to _____ feet**DATES**_____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1693 MCF**EMPLOYEES**_____, Driller
_____, Driller
Rayco Drilling Company, Driller
Farmington, New Mexico**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
2704	2821		Ojo Alamo
2822	2915		Kirtland
2916	2963		XXXXXXXX Fruitland
2963	3034		Pictured Cliffs
	3090		Total depth

Subject well perforated as shown above with 2 holes per foot. Frac treated down casing with 30,000# sand and 38,430 gallons of water. Breakdown pressure 1000#. Treating pressure 1000-1900#. Injection rate 38 BPM.

3 hr Back Pressure test run 10-13-62. Charts attached.



NEW! MAIL TO: AID TO POLICE

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 "sidetracked" 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 bailing.

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]