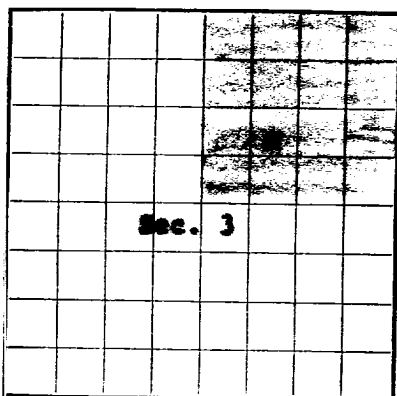
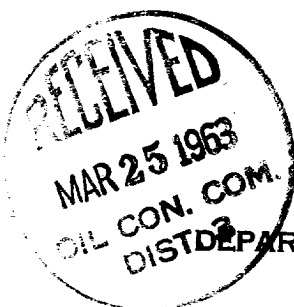
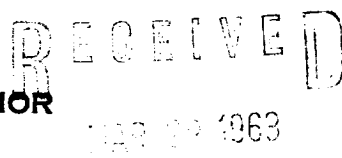




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE --- Alamo, New Mexico
SERIAL NUMBER --- Jicarilla No. 156
LEASE OR PERMIT TO PROSPECT -----U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Shar-Alam Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Jicarilla "C" No. 156 Field Undesignated P State New Mexico
Well No. 1 Sec. 3 T. 23N R. 2W Meridian NMPM County San Arriba
Location 1820 ft. (N) of N Line and 1805 (E) of E Line of 1/4 Elevation 7268.8
(Depth 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 March 11, 1963

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

Commenced drilling 10-16-62, 19____ Finished drilling 10-22-62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3060 to 3066 (H) No. 4, from _____ to _____
No. 2, from 3088 to 3108 (H) No. 5, from _____ to _____
No. 3, from 3116 to 3124 (H) 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 5/8"	12.40	8	CPI	143'			3060	3066	Prod.
4 1/2"	9.50	8	CPI	177'			3066	3108	Prod.
1 1/4"	2.50	8	CPI	3070'			3116	3124	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"	102'	60	Halliburton		
1 1/2"	3193'	123	"		

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3201 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. 3736 MCF/d

847 (initial test 28 days)

_____, Driller 3 hr Back Pressure Test _____, Driller

Anyco Drilling Company, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2692	2893		Ojo Alamo
2893	3010		Kirtland
3010	3058		Fruitland
3058			Pictured Cliffs
			Subject well sand-fraced with 15,658 gallons water and 30,000 # sand. Breakdown pressure 500+. Treatment pressure 1600-2000+. Injection rate 34.8 BPM 5 minute shut-in pressure 500+.
			3 hr Back Pressure test run. 3-2-63. Charts attached.

(OVER)

FORMATION RECORD—CONTINUING

16-48094-4

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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.

FROM	TO	TOTAL FEET	FORMATION
			1. 0-100 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 2. 100-200 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 3. 200-300 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 4. 300-400 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 5. 400-500 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 6. 500-600 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 7. 600-700 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 8. 700-800 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 9. 800-900 feet of sand and gravel, with some pebbles, and a few small pieces of wood. 10. 900-1000 feet of sand and gravel, with some pebbles, and a few small pieces of wood.