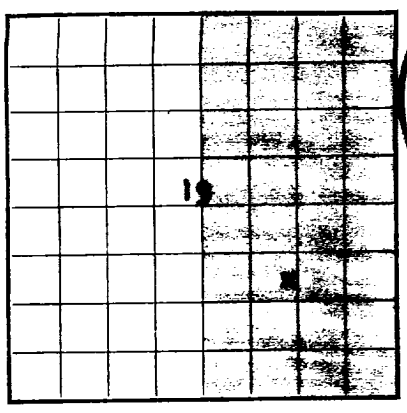
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078889
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
SEP 25 1962
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 24 1962
U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Shell-Alan Oil Company Address 1402 Denver U. S. National Center

Lessor or Tract Rosa Unit Field Basin Dakota State New Mexico

Well No. 43 Sec. 19 T. 31N R. 4W Meridian NMPM County Rio Arriba

Location 1550 ft. {N.} of S Line and 1590 ft. {E.} of E Line of SE/4 Elevation 6571.5
(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
Richard S. Hunt

Date September 20, 1962 Title Mgr. of Lands & Explorations

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

Commenced drilling November 28, 19 61 Finished drilling January 16, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8164 to 8220 (g) 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 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 From—	Perforated To—	Purpose
10"	32.75#	8 R	CF&I	213'			8164	8178	Prod.
7 5/8"	24.4#	8 R	CF&I	4097'	Float		8209	8220	Prod.
5 1/2"	15.5#	8 R	CF&I (liner)	3970-8304'			8242	8251	Prod.
							8259	8267	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	213'	200	Gel Chemical Mud		-0- - 4097'
7 5/8"	4097'	200	Gas		4097' - 8334',
5 1/2"	3970-8304', liner				

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 -0- feet to PBTD 8285' feet, and from feet to feet

Cable tools were used from feet to 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 2413 MCF/d Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 3 hr back pressure Test Charts attached.

EMPLOYEES

Rayco Drilling Company, Driller , Driller

Farmington, New Mexico, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3400'	3728'		Pictured Cliffs
3729'	5739'		Lewis
5740'	5894'		Menefee
5895'	6022'		Pt. Lookout
6023'	6276'		Mancos Transition
6277½	7972'		Mancos
7973'	8157'		Greenhorn
8158'	8310'		Dakota

Completion schedule attached.

FOLD | MARK

(OVER)

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

DEPOSIT