Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-03356
LEASE OR PERMIT TO PROSPECT
Unit Agreement No. 1, Sec. 929

RECEIVED JUN 12 1957 OIL CON. COM DIST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUN 11 1957 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, Colorado
~~Lessor or~~ Tract 19 Field Blanco Mesaverde State New Mexico
Well No. 52-15 Sec. 15 T. 31N R. 7W Meridian N.M.P.M. County San Juan
Location 1650 ft. {N. / S.} of N Line and 1650 ft. {E. / W.} of E Line of Section 15 Elevation (Derrick floor relative 6536)

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 DeLasso Loos DeLasso Loos

Date June 10, 1957 Title Field Superintendent

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

Commenced drilling April 13, 19 57 Finished drilling May 21, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3085' to 3295' (G) No. 4, from 5495' to 5710' (G)
No. 2, from 3295' to 3545' (G) No. 5, from 5710' to 5895' (G)
No. 3, from 5458' to 5495' (G) 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 3/4	32.75	8 Rd	CF&I	152'	Tex. Pat.	—	—	—	Surface
7 5/8	26.40	8 Rd	CF&I	3589'	Float	—	—	—	Intermediate
5 1/2	15.50	8 Rd	CF&I	5850'	Milling	—	5764'	5775'	Production
2 3/8	4.7	8Rd EUE	CF&I	5775'	—	—	—	—	Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	167'	200	Pump & Plug	Water	Cement Circulated
7 5/8	3602'	225	" "		
5 1/2	5902'	200	" "		Top cement at 3805'

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 fraced the Mesaverde Group through casing perforations						

TOOLS USED

Rotary tools were used from 0' feet to 5902' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing Not Connected, 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 4783 MCF(AOF) Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1126 Rate of flow thru 3/4" choke after 3 hrs. 3394 MCF per day

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1095'	1095	San Jose
1095'	2160'	1065	Animas
2160'	2355'	195	Ojo Alamo SS
2355'	3085'	730	Kirtland
3085'	3295'	210	Fruitland SS
3295'	3545'	250	Pictured Cliffs SS
3545'	5458'	1913	Lewis Shale
5458'	5495'	37	Massive Cliffhouse SS
5495'	5710'	215	Menefee Shale
5710'	5895'	185	Point Lookout SS
5895'	-		Mancos Shale

[OVER]

16—43094-4

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.

LOG OF OIL OR GAS WELL
RECEIVED
FARMINGTON, NEW MEX.
U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES
DIST. OIL CON. COM.
CLEARED