ILLEGIBLE

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office Santa Fe

Lease No. NM 021136

Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

RECEIVED
JAN 17 57
OIL CON. COM.
DIST. 3

December 23, 1956, 19

Well No. 3 is located 990 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 16

NE/4 of Sec. 16 (¼ Sec. and Sec. No.) 20N (Twp.) 11W (Range) NMPM (Meridian)

Fulcher-Kutz (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5527 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

90' of 32# H-40, 8-5/8" surface casing was set at 90' and cemented with 70 sx. and recemented with 65 sx.

Before drilling the plug the casing was pressured up to 500 lbs. for 30 mins. with no drop in pressure. After drilling the plug, the casing was again pressured up to 500 lbs. for 30 mins. with no drop in pressure.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Redfern & Barham

Address Box 1747

Midland, Texas

By

Title Agent

U. S. GOVERNMENT PRINTING OFFICE 16--8437-5

Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office Santa Fe
Serial Number NM 021116
Lease or Permit to Prospect

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Redfern & Markham Address P.O. Box 1747, Midland, Texas

Lessor or Tract Redfern Field Fulcher-Kutz State New Mexico

Well No. 3 Sec. 16 T. 28N R. 11W Meridian NMPM County San Juan

Location 940 ft. {N/S} of N Line and 840 ft. {E/W} of E Line of Sec. Elevation 5517 (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 [signature]

Date December 23, 1956 Title

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

Commenced drilling December 18, 1956 Finished drilling December 23, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ______ to ______ 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
8-5/8	24#	8-R	CF&I	90'	Bell				

RECEIVED
OIL CON. COM.
DIST. 3

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	90	70	Halliburton		
		Regcement 85	"		

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 695 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 ______ Gallons gasoline per 1,000 cu. ft. of gas ______

Rock pressure, lbs. per sq. in. ______

EMPLOYEES

______, Driller ______, Driller

[illegible] ~~struck out~~, Driller ______, Driller

Empire States Drlg. Co.

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	695	695	Sand & shale
Core #1	645-95, Recovered 50':		
		645-50	Dark grey-green fine sandy shale, micac. very slight bleed of gas
		650-56	Grey brn. very silty fine ss. sl. carb, slight odor gas (sl. wet)
		656-63	Fine grey hard silty ss. - no showing
		663-69	Hard grey shalevery sandy to v. fine.
		669-72	Hard grey very sand shale slight stain & sl. odor
		672-90	Med. Cor. sl. silty ss., odor gas thruout, sl. oil bleed 677-678, core 672-90 looks wet
		690-93	Hard dk green very fine sandy shale, very sl. bleed gas
		693-95	Hard dk green sand sl. to very silty, slight bleed gas (Looks wet)
			Temporarily Abandoned 12-23-56

[OVER] 16—43094-3

Budget Bureau No. 42-R356.2.
Approval expires 12-31-55.

U. S. LAND OFFICE ....

SERIAL NUMBER ....

LEASE OR PERMIT TO PROSPECT ....

Form 9-330

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company .... Address ....

Lessor or Tract .... Field .... State ....

Well No. .... Sec. .... T. .... R. .... Meridian .... County ....

Location .... ft. N/S of .... Line and .... ft. E/W of .... Line of .... Elevation ....

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 ....

Date .... Title ....

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

Commenced drilling ...., 19.... Finished drilling ...., 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from .... to .... 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

HISTORY OF OIL OR GAS WELL

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—43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 .... 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 .... Gallons gasoline per 1,000 cu. ft. of gas ....

Rock pressure, lbs. per sq. in. ....

EMPLOYEES

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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
[illegible]	[illegible]	[illegible]	[illegible]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

[OVER] 16—43094-1