

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079287-A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
APR 14 1960U. S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF REVENUE
NEW MEXICO

LOG OF OIL OR GAS WELL

Company Intex Oil Company - South Penn Address P.O. Box 1411, Bakersfield, Calif.
Lessor or Tract USL Case Field Puerto Chiquito State New Mexico
Well No. 1-16 Sec. 16 T. 26 N R. 1 E Meridian N.M.P.M. County Rio Arriba
Location 1980.33 of N Line and 660 ft. of W Line of Section Elevation 7219.07
(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

Date April 12, 1960 Title Production Manager

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

Commenced drilling February 16, 1960 Finished drilling April 2, 1960

OIL OR GAS SANDS OR ZONES

No. 1, from 2146 to 2147 No. 4, from 2171 to 2186No. 2, from 2163 to 2168 No. 5, from _____ to _____No. 3, from 2168 to 2171 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 360 to 420 No. 3, from _____ to _____No. 2, from 500 to 560 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—	
9 5/8"	36.4	8	155	698	T. P. S.	Larkia float collar			H. & O.
7"	28.4	8	155	2078	T. P. S.	Larkia float collar			H. & O.
5 1/2"	18.4	8	2078	2078	Larkia	Larkia float collar			H. & O.
HISLOKA OF OIL OK CV2 MEIT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	698	50 sks	Plug	10#/gal.	Hole full
5 1/2"	2078	100 sks	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material SEE REVERSE SIDE 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 0.0 feet to 2980 feet, and from _____ feet to _____ feet

DATES

_____ April 11, 1960 Put to producing _____ April 4, 1960The production for the first 24 hours was 41 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, 34° API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Casing pressure, lbs. per sq. in. 140 *After recovery of 930 barrels oil used in hydrofrac.

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	240	240	Lewis Shale formation.
240	820	580	Mesa Verde formation.
820	2990	2170	Mancos shale formation.
1878	1995	117	Includes:
2145	2340	195	Gallup Zone of siltstone and very fine sandstone laminae
2467	2472	5	Tecito Zone of siltstone and very fine sandstone laminae.
2777	2847	70	Samostee limestone.
			Greenhorn limestone with interbedded shale.

(OVER)

6-6746

FORMATION RECORD—CONTINUED

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U. S. LAND OFFICE _____

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GEOLOGICAL SURVEY

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A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

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

Hydrates open hole - 2076 - 2200' with 930 barrels crude oil.
Swab and pump load off. Recovered 930 barrels load off.

Signed _____
Date _____

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Location [S] { of [] time and [] of [] line of [] Elevation [] ft. Sec. [] T. [] N. R. [] E. Meridian [] County [] State [] Well No. []-1-18

Lessor or Trust []

Company []

7' casing pulled to 2820', after placing 50 lbs cement plug
2960' to 2980'. Displaced 60 lbs cement through casing with
7" at 2230' and cemented 7" and 2 5/8" casing in hole.
No. 2 from 2800' to 2820' No. 4 from 2820' to 2840' No. 6 from 2840' to 2860' No. 8 from 2860' to 2880' No. 1 from 2880' to 2900' No. 2 from 2900' to 2920' No. 4 from 2920' to 2940' No. 6 from 2940' to 2960' No. 8 from 2960' to 2980' No. 1 from 2980' to 3000' No. 2 from 3000' to 3020' No. 4 from 3020' to 3040' No. 6 from 3040' to 3060' No. 8 from 3060' to 3080' No. 1 from 3080' to 3100' No. 2 from 3100' to 3120' No. 4 from 3120' to 3140' No. 6 from 3140' to 3160' No. 8 from 3160' to 3180' No. 1 from 3180' to 3200' No. 2 from 3200' to 3220' No. 4 from 3220' to 3240' No. 6 from 3240' to 3260' No. 8 from 3260' to 3280' No. 1 from 3280' to 3300' No. 2 from 3300' to 3320' No. 4 from 3320' to 3340' No. 6 from 3340' to 3360' No. 8 from 3360' to 3380' No. 1 from 3380' to 3400' No. 2 from 3400' to 3420' No. 4 from 3420' to 3440' No. 6 from 3440' to 3460' No. 8 from 3460' to 3480' No. 1 from 3480' to 3500' No. 2 from 3500' to 3520' No. 4 from 3520' to 3540' No. 6 from 3540' to 3560' No. 8 from 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4340' No. 6 from 4340' to 4360' No. 8 from 4360' to 4380' No. 1 from 4380' to 4400' No. 2 from 4400' to 4420' No. 4 from 4420' to 4440' No. 6 from 4440' to 4460' No. 8 from 4460' to 4480' No. 1 from 4480' to 4500' No. 2 from 4500' to 4520' No. 4 from 4520' to 4540' No. 6 from 4540' to 4560' No. 8 from 4560' to 4580' No. 1 from 4580' to 4600' No. 2 from 4600' to 4620' No. 4 from 4620' to 4640' No. 6 from 4640' to 4660' No. 8 from 4660' to 4680' No. 1 from 4680' to 4700' No. 2 from 4700' to 4720' No. 4 from 4720' to 4740' No. 6 from 4740' to 4760' No. 8 from 4760' to 4780' No. 1 from 4780' to 4800' No. 2 from 4800' to 4820' No. 4 from 4820' to 4840' No. 6 from 4840' to 4860' No. 8 from 4860' to 4880' No. 1 from 4880' to 4900' No. 2 from 4900' to 4920' No. 4 from 4920' to 4940' No. 6 from 4940' to 4960' No. 8 from 4960' to 4980' No. 1 from 4980' to 5000' No. 2 from 5000' to 5020' No. 4 from 5020' to 5040' No. 6 from 5040' to 5060' No. 8 from 5060' to 5080' No. 1 from 5080' to 5100' No. 2 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6 from 6640' to 6660' No. 8 from 6660' to 6680' No. 1 from 6680' to 6700' No. 2 from 6700' to 6720' No. 4 from 6720' to 6740' No. 6 from 6740' to 6760' No. 8 from 6760' to 6780' No. 1 from 6780' to 6800' No. 2 from 6800' to 6820' No. 4 from 6820' to 6840' No. 6 from 6840' to 6860' No. 8 from 6860' to 6880' No. 1 from 6880' to 6900' No. 2 from 6900' to 6920' No. 4 from 6920' to 6940' No. 6 from 6940' to 6960' No. 8 from 6960' to 6980' No. 1 from 6980' to 7000' No. 2 from 7000' to 7020' No. 4 from 7020' to 7040' No. 6 from 7040' to 7060' No. 8 from 7060' to 7080' No. 1 from 7080' to 7100' No. 2 from 7100' to 7120' No. 4 from 7120' to 7140' No. 6 from 7140' to 7160' No. 8 from 7160' to 7180' No. 1 from 7180' to 7200' No. 2 from 7200' to 7220' No. 4 from 7220' to 7240' No. 6 from 7240' to 7260' No. 8 from

CASING RECORD

Size Casing	Weight per foot	Threads per foot	Make	Amount	Kind of steel	Got and pulled from	Perforated From— To—	Purpose
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-dredging, 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 drilled, state 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 balling of shots. If any of the above mentioned items are not applicable, so state.

HISTORY OF OIL OR GAS WELL

----- 6-8745 ----- U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Amount of sand used	Find gravel	Method used	Number sacks of cement	# bars set	Size casting
112 = 24	15x24x12	1000	1000	1000	1000
		1000	1000	1000	1000

PLUGS AND ADAPTERS

_____ dated _____

SHOOTING RECORD

150-	Leaf used	Alkaloids used	Quantity	Date	Depth used	Height cleaned out

Q32U 21 OCT

test	at test	most best test	at test	most best test
test	at test	most best test	at test	most best test

DATA

[illegible][illegible][illegible][illegible]

CROSS SECTION

NOVEMBER	11	1961	11
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Item	Quantity	Unit Price	Total
1. 1000 lbs. of 100% cotton	1000	1.00	1000.00
2. 1000 lbs. of 100% cotton	1000	1.00	1000.00
3. 1000 lbs. of 100% cotton	1000	1.00	1000.00
4. 1000 lbs. of 100% cotton	1000	1.00	1000.00
5. 1000 lbs. of 100% cotton	1000	1.00	1000.00
6. 1000 lbs. of 100% cotton	1000	1.00	1000.00
7. 1000 lbs. of 100% cotton	1000	1.00	1000.00
8. 1000 lbs. of 100% cotton	1000	1.00	1000.00
9. 1000 lbs. of 100% cotton	1000	1.00	1000.00
10. 1000 lbs. of 100% cotton	1000	1.00	1000.00

FORMATION RECORD—Continued

(over)