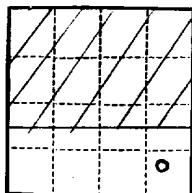


ILLEGIBLE

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R338.4.
Approval expires 12-31-60.Land Office Santa FeLease No. 3F 047017Unit 9UNITED 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)

October 9

U. S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF NEW MEXICO

Well No. 21/ ^{Angel Peak} is located 340 ft. from N line and 220 ft. from E line of sec. 12 / Fractional
E/2 Fractional 12 23N 11W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5748 ft.**DETAILS OF WORK**

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

1. Well was spudded on September 3, 1959.
2. Ran 9 jts. 9-5/8", 32.30%, 11-40, surface casing on September 4, 1959. Casing landed at 310' R.K.D. Ctd. with 300 ax regular ext. w/2% calcium chloride.
3. Pressured up on surface casing to 800 psi on September 5, 1959 - Pressure hold.

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

Company ANGEL PEAK OIL COMPANYAddress 1001 Burt BuildingDallas, TexasBy Thomas J. LoweTitle Drilling Superintendent

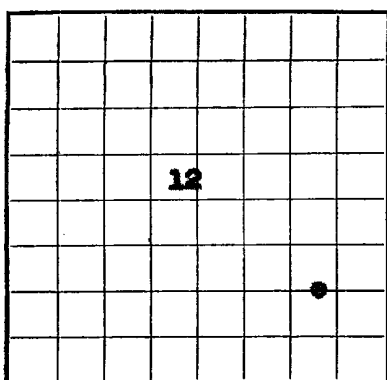
U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **ST-047017-5**

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR OCT 26 1959

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

Company **Angels Peak Oil Company** Address **1001 Bart Building, Dallas, Texas**
Lessor or Tract **Angel Peak** Field **Wildcat** State **New Mexico**
Well No. **21** Sec. **12** T. **28N** R. **11W** Meridian **N.M.P.M.** County **San Juan**
Location **840** ft. S. of **N** Line and **990** ft. W. of **E** Line of **Section 12** Elevation **5751'**
(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 **L. S. Munnick** Title **Exploration Engineer**Date **October 19, 1959**

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

Commenced drilling **September 3**, 19 **59** Finished drilling **September 25**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6446** to **6463** No. 4, from _____ to _____
No. 2, from **6271** to **6396** 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		Purpose
							From—	To—	
9-5/8	22.75	6	30	100	Hardy	Surface Production			Production
5-1/2	13.25	6	30	100	Hardy	Production			Production
2-3/8	6.25	6	30	100	Hardy	Production			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	310' KB	300	Halliburton		
5-1/2	6584.95 KB	119	Halliburton		
2-3/8	6268' OL				

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
Perf. 310' - 658' - Additional v/300 gals. - 2nd work, Perforated v/6,770 gals. water, 1,000 sand. - 2nd - 33' - 1st. Perf. 6271-6396', Additional v/700 gals. and acid, Perforated v/6,000 gals. water, 20,000 sand. - 2nd - 33' - 1st.						

TOOLS USED

Rotary tools were used from **0** feet to **6528'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 6, 1959, 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 **6,340 MCFPS** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **2800 (7000)**

EMPLOYEES

Raven Drilling Company, Driller **E. M. Damsell**, Driller
R. E. Rolderson, Driller **C. E. Phillips**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	321	321	Sand and rock
321	6358	6037	Sand and shale
6358	6364	6	Sand
6364	6377	13	Junk
6377	6528	151	Sand
			TOPS:
			Pictured Cliff 1848'
			Cliff House 3418'
			Point Lookout 4205'
			Mineos 4525'
			Gallup 5410'
			Greenhorn 6176'
			Dakota 6272'

LEARN OR PERMIT TO PROSECUTE
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Company	Address
Lesser or Trust	Field
Well No.	County
Location of well and to the	Information
The information given herewith is a complete and correct record of the well and all work done thereon.	
Signed	
Date	This
The summary on this page is for the condition of the well at above date.	
Completed drilling	19

NO OR GAS SANDS OR ZONES

(Derech ha'ay 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. 3 from	at	No. 1 from	at
No. 4 from	at	No. 2 from	at

CASING RECORD

Page	Line	Text	Page	Line	Text
100	1	100	1	100	1
100	2	100	2	100	2
100	3	100	3	100	3
100	4	100	4	100	4
100	5	100	5	100	5
100	6	100	6	100	6
100	7	100	7	100	7
100	8	100	8	100	8
100	9	100	9	100	9
100	10	100	10	100	10
100	11	100	11	100	11
100	12	100	12	100	12
100	13	100	13	100	13
100	14	100	14	100	14
100	15	100	15	100	15
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100	19	100	19	100	19
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100	26	100	26	100	26
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100	28	100	28	100	28
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100	31	100	31	100	31
100	32	100	32	100	32
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100	37	100	37	100	37
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100	54	100	54	100	54
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100	57	100	57	100	57
100	58	100	58	100	58
100	59	100	59	100	59
100	60	100	60	100	60
100	61	100	61	100	61
100	62	100	62	100	62
100	63	100	63	100	63
100	64	100	64	100	64
100	65	100	65	100	65
100	66	100	66	100	66
100	67	100	67	100	67
100	68	100	68	100	68
100	69	100	69	100	69
100	70	100	70	100	70

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. It may be 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.

HISTORY OF OIL OR GAS WELL

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

[illegible]

FORMATION RECORD—Continued