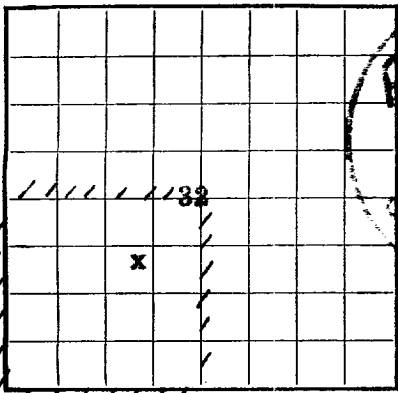
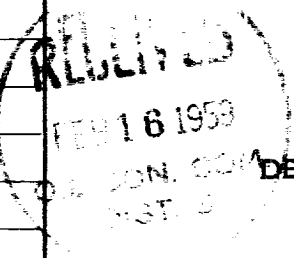


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 046563
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB 12 1959
U.S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Sunset International Petroleum Corp. Address P. O. Box 1527, Denver, Colorado
Lessor or Tract SIPCO Katz #1 A Federal Field Angels Peak State New Mexico
Well No. 1 Sec. 32 T. 28N R. 10W Meridian NMPM County San Juan
Location 1773 ft. N of S Line and 1842 ft. E of W Line of Sec. 32 Elevation 5949'
(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 J. A. Jones J. A. Jones

Date February 10, 1959 Title Production Engineer

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

Commenced drilling November 28, 1958 Finished drilling December 22, 1958.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1880' to 2435' (G) No. 4, from _____ to _____
No. 2, from 5582' to 5841' No. 5, from _____ to _____
No. 3, from 6306' to 6530' (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		Purpose
							From—	To—	
<u>10 3/4"</u>	<u>32.75#</u>	<u>8rd</u>	<u>CP&I</u>	<u>230'</u>	<u>Texas Pattern</u>				<u>Surface</u>
<u>7 5/8"</u>	<u>26.40#</u>	<u>8rd</u>	<u>CP&I</u>	<u>4415'</u>	<u>Float shoe</u>				<u>Intermediate</u>
<u>5 1/2"</u>	<u>16.80#</u>	<u>8rd</u>	<u>CP&I</u>	<u>4241'</u>	<u>Float shoe</u>				<u>Prod. Liner</u>
REMARKS ON Casing: _____									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4"</u>	<u>245' KB</u>	<u>200 SX W/2% CaCl</u>	<u>Circ to surface</u>		
<u>7 5/8"</u>	<u>4465' KB</u>	<u>200 SX & 150 SX</u>	<u>2 stage collar @ 2143' KB</u>		
<u>5 1/2"</u>	<u>6597' KB</u>	<u>400 SX</u>	<u>Liner Hanger @ 4359' KB</u>		

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 well on production yet. _____, 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. _____ (Initial production will be reported when well is placed on production.)

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1880'</u>	<u>2435'</u>	<u>555'</u>	<u>Pictured Cliffs</u>
<u>2435'</u>	<u>3445'</u>	<u>1010'</u>	<u>Lewis Shale</u>
<u>3445'</u>	<u>3550'</u>	<u>105'</u>	<u>Cliff House</u>
<u>3550'</u>	<u>4200'</u>	<u>750'</u>	<u>Mancos</u>
<u>4300'</u>	<u>4415'</u>	<u>115'</u>	<u>Point Lookout</u>
<u>4415'</u>	<u>5431'</u>	<u>1016'</u>	<u>Mancos Shale</u>
<u>5431'</u>	<u>5532'</u>	<u>151'</u>	<u>Niobrara</u>
<u>5582'</u>	<u>5841'</u>	<u>259'</u>	<u>Gallup</u>
<u>5841'</u>	<u>6220'</u>	<u>379'</u>	<u>Tocito</u>
<u>6220'</u>	<u>6276'</u>	<u>56'</u>	<u>Greenhorn</u>
<u>6276'</u>	<u>6306'</u>	<u>30'</u>	<u>Graneros</u>
<u>6306'</u>	<u>6530'</u>	<u>224'</u>	<u>Dakota</u>
<u>6530'</u>	<u>6690' (TD)</u>	<u>70' 4"</u>	<u>Morrison</u>
PERFORATIONS:			<u>DAKOTA</u>
<u>6507'</u>	<u>6502'</u>	<u>5</u>	<u>4 bullets/ft.</u>
<u>6480'</u>	<u>6475'</u>	<u>5</u>	<u>4 bullets/ft.</u>
<u>6475'</u>	<u>6465'</u>	<u>10</u>	<u>2 bullets/ft.</u>
<u>6434'</u>	<u>6418'</u>	<u>16</u>	<u>4 bullets/ft.</u>
<u>6418'</u>	<u>6402'</u>	<u>16</u>	<u>2 bullets/ft.</u>
			<u>GALLUP</u>
<u>5765'</u>	<u>5757'</u>	<u>8</u>	<u>4 bullets/ft.</u>

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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.

12-24-58 Ran 2241' of 5 1/2" OD 18.5#/ft. J-55 csg liner from 6597' KB to 4359' KB and cemented w/400 ex 50-50 Pozmix.

12-22-58 Ran Ind.-E.S. log, Sonic log and micro log w/micro caliper survey.

12-21-58 Drilled from 5755' to TD 6600' KB w/mud.

12-19-58 Drilled to 4700' KB w/gas, landed up due to fluid in hole.

12-13-58 Cored from 5703' to 5703' w/gas, 2 cores recovered, 12' of grey sandy shale.

12-12-58 Drilled from 4465' to 5703' w/gas.

12-7-58 Ran 4475' of 7 5/8" OD 26.40# H-80 csg landed at 4465' KB w/stage collar at 2143' of mud and 1012' of water cut mud.

12-6-58 Ran 3 DST. DST #1 and DST #2 intervals. DST #3 from 3465' to 3515' KB. Shut in 30 minutes. Open 2 hrs then shut in 30 minutes. I.S.I.P. 1305#, F.S.I.P. 1213#. Initial mud loss 14.5 bbls. 65#, FFP 565#. Recovered 244'.

12-5-58 Ran Ind.-E.S. log, Sonic log and micro log w/micro caliper.

12-4-58 Drilled to 4465' KB w/mud.

12-3-58 Set 2241' of 10 3/4" OD 32.17# csg at 2143' KB w/200 ex cmt.

11-23-58 Spudded surface hole.

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 balling.

HISTORY OF OIL OR GAS WELL									
MUDGING AND CEMENTING RECORD									
Run	Water	Number bags of cement	Method used	Mud grade	Amount of mud used				
	</								