

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office New Mexico
Lease No. MM 09998
Unit Lease

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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	<input checked="" type="checkbox"/>		

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

Date Change of Operator
from E. L. Hays Natural Gas Co.
September 20, 1962

MESCALERO UNIT #1

Well No. 1 is located 1980 ft. from N line and 1980 ft. from E line of sec. 7

NE 1/4, Sec 7

(1/4 Sec. and Sec. No.)

198

(Twp.)

34E

(Range)

MGM

(Meridian)

Mescalero Morrow

(Field)

Len

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3806 ft.

DETAILS OF WORK

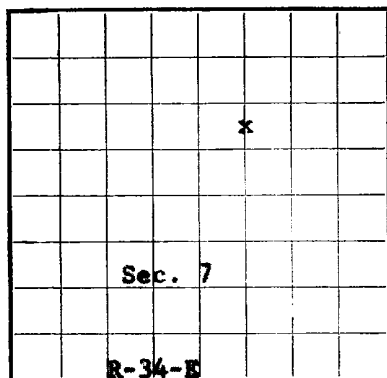
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Work already completed: TD 14784'. Set 75 sacks cement plug 14784-14800'. Set McCallough bridge plug at 13555'. Set Baker bridge plug at 13000'. Spaced perforations at 10900-10902' with 100 sacks on 3800# psi. with top of cement in casing at 10955'. Set Baker retainer at 9980' cemented with 200 sacks cement left in pipe to 9955'.

No progress to: squeeze perforation at 9896-9914' with 100 sacks cement with top of cement in pipe at 9790 (100' plug) cut & pull 7" at 8600' with 100 sacks cement plug in & out of 7" and 200' cement plug at 5450-5650' and 25 sack plug at surface with U30S Marker, mud pumped between plugs. Clean location. If pipe is recovered below 8800', an additional 100' plug will be placed at 7700-7800'.

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

Company Drilling & Exploration Co., Inc.Address Box 2075, Hobbs, New MexicoBy Karl A. PetersonTitle Division Production Manager



LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 0999 B
LEASE OR PERMIT TO PROSPECT Mescalero UnitUNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

JUN 13 AM 8-25

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address 2005 Wilco Building, Midland, Texas
Lessor or Tract Mescalero Unit Field Wildcat State New Mexico
Well No. 1 Sec. 7 T. 19-S R. 34-E Meridian NMPM County Lea
Location 1980 ft. N of N Line and 1980 ft. E of E Line of Sec. 7 Elevation 3806 DF
(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 N. E. Jochum
Title Division Petroleum Engineer

Date May 25, 1961

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

Commenced drilling November 9, 1960 Finished drilling April 11, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 13,160 to 13,186' No. 4, from _____ to _____
No. 2, from 13,201 to 13,212' No. 5, from _____ to _____
No. 3, from 13,430 to 13,442' 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>13-3/8</u>	<u>54.5</u>	<u>8 round</u>	<u>new</u>	<u>397'</u>	<u>Baker</u>				<u>Surface</u>
<u>9-5/8</u>	<u>48</u>	<u>"</u>	<u>"</u>	<u>5554'</u>	<u>"</u>				<u>Intermediate</u>
<u>7</u>	<u>29</u>	<u>Buttress</u>	<u>"</u>	<u>14459'</u>	<u>"</u>		<u>13,160</u>	<u>13,186</u>	<u>Production</u>
	<u>26</u>	<u>"</u>	<u>"</u>				<u>13,201</u>	<u>13,212</u>	
	<u>32</u>	<u>"</u>	<u>"</u>				<u>13,430</u>	<u>13,442</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>397'</u>	<u>325</u>	<u>pump & plug</u>		
<u>9-5/8</u>	<u>5554'</u>	<u>1455</u>	<u>"</u>		
<u>7</u>	<u>14459'</u>	<u>500</u>	<u>"</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 0 feet to 14,784 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completion Date 4/23, 1961 Potential Test Date 5/3, 1961
XXXXXXXXXXXX

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 7,200,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 6641

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1600</u>	<u>1600</u>	<u>anhydrite, redbed</u> <u>TOPS</u>
<u>1600</u>	<u>1885</u>	<u>285</u>	<u>anhydrite</u>
<u>1885</u>	<u>3118</u>	<u>1233</u>	<u>anhydrite & salt</u> <u>Anhydrite</u> <u>1600</u>
<u>3118</u>	<u>3200</u>	<u>82</u>	<u>dolomite</u> <u>Salt</u> <u>1885</u>
<u>3200</u>	<u>3782</u>	<u>582</u>	<u>sand, dolo, anhy</u> <u>Tansil</u> <u>3118</u>
<u>3782</u>	<u>4470</u>	<u>688</u>	<u>dolo., anhy</u> <u>Yates</u> <u>3200</u>
<u>4470</u>	<u>5338</u>	<u>868</u>	<u>sand, dolo., anhy</u> <u>7 Rivers</u> <u>3782</u>
<u>5338</u>	<u>7778</u>	<u>2440</u>	<u>sand, lime, dolo.</u> <u>Queen</u> <u>4470</u>
<u>7778</u>	<u>10788</u>	<u>3010</u>	<u>lime, sand</u> <u>Penrose</u> <u>4683</u>
<u>10788</u>	<u>12135</u>	<u>1347</u>	<u>lime, shale, sand</u> <u>Delaware Mt</u> <u>5338</u>
<u>12135</u>	<u>12400</u>	<u>265</u>	<u>lime</u> <u>Bone Spring</u> <u>7778</u>
<u>12400</u>	<u>12741</u>	<u>341</u>	<u>shale, sand</u> <u>Wolfcamp</u> <u>10788</u>
<u>12741</u>	<u>13522</u>	<u>781</u>	<u>lime, sand and shale</u> <u>Strawn</u> <u>12135</u>
<u>13522</u>	<u>13632</u>	<u>110</u>	<u>lime</u> <u>Atoka</u> <u>12400</u>
<u>13632</u>	<u>13840</u>	<u>208</u>	<u>shale</u> <u>Chester</u> <u>13522</u>
<u>13840</u>	<u>14431</u>	<u>591</u>	<u>lime</u> <u>Barnett</u> <u>13632</u>
<u>14437</u>	<u>14585</u>	<u>148</u>	<u>shale</u> <u>Mississippian</u> <u>13840</u>
<u>14585</u>	<u>14784</u>	<u>199</u>	<u>lime</u> <u>Woodford</u> <u>14437</u>
			<u>Devonian</u> <u>14585</u>
			<u>Morrow Lime</u> <u>12741</u>

[OVER]

