FILE NOTATIONS

Entered in N I D File ✓ | Checked by Chief ✓

Entered On S R Sheet ✓ | Copy N I D to Field Office ✓

Location Map Pinned ✓ | Approval Letter ✓

Card Indexed ✓ | Disapproval Letter

I W R for State or Fee Land

COMPLETION DATA: 12-21-59

Date Well Completed [redacted]60 | Location Inspected 5-27-60

OW WW TA | Bond released

GW OS PA ✓ | State or Fee Land

LOGS FILED

Driller's Log 3-30-60

Electric Logs (No.) 2

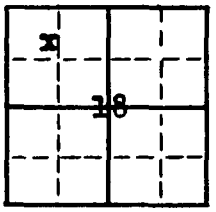
E I ✓ E-1 GR GR-N ✓ Micro

Lat Mi-L Sonic Others

Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☐ IN UNIT
Approval or Disapproval Letter	☑
Date Completed, P. & A. or operations suspended	12-22-57 PT
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☐

Form OGCC-1 (SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING

SALT LAKE CITY 14, UTAH

Fee and Patented ☐

State ☐

Lease No.

Public Domain ☒

Lease No. U-011817

Indian ☐

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill	X	Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
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)

November 16, 19 59

Well No. Lean-To 1 is located 1454* ft. from {N/S} line and 1210* ft. from {E/W} line of Sec. 18

NW/4 Sec. 18 (¼ Sec. and Sec. No.) | T34S (Twp.) | R17E (Range) | S.L. B. & M. (Meridian)

Lean-to Unit (Pending) (Field) | San Juan (County or Subdivision) | Utah (State or Territory)

The elevation of the ~~derrick floor~~ K.B. above sea level is 6726* feet.

A drilling and plugging bond has been filed with Bureau of Land Management, Salt Lake City, Ut.

* Preliminary coordinates & elevation

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 work, surface formation, and date anticipate spudding-in.)

It is proposed to drill this exploratory well to test for oil and gas prospects in all formations to and including Mississippian. Estimated total depth is 3750'. Anticipated formation tops are: Cedar Meas-surface; Hermosa 1550'; Paradox 3000'. Mississipian 3700'.

It is planned to spud this well the week of November 23, 1959.

The following casing program is proposed: 9-5/8" casing to be cemented below 300' with sufficient cement to reach the surface. Cementing of casing below the 9-5/8" casing will be contingent upon findings and well conditions. Your office will be notified prior to setting other than 9-5/8" casing.

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

Company General Petroleum Corporation

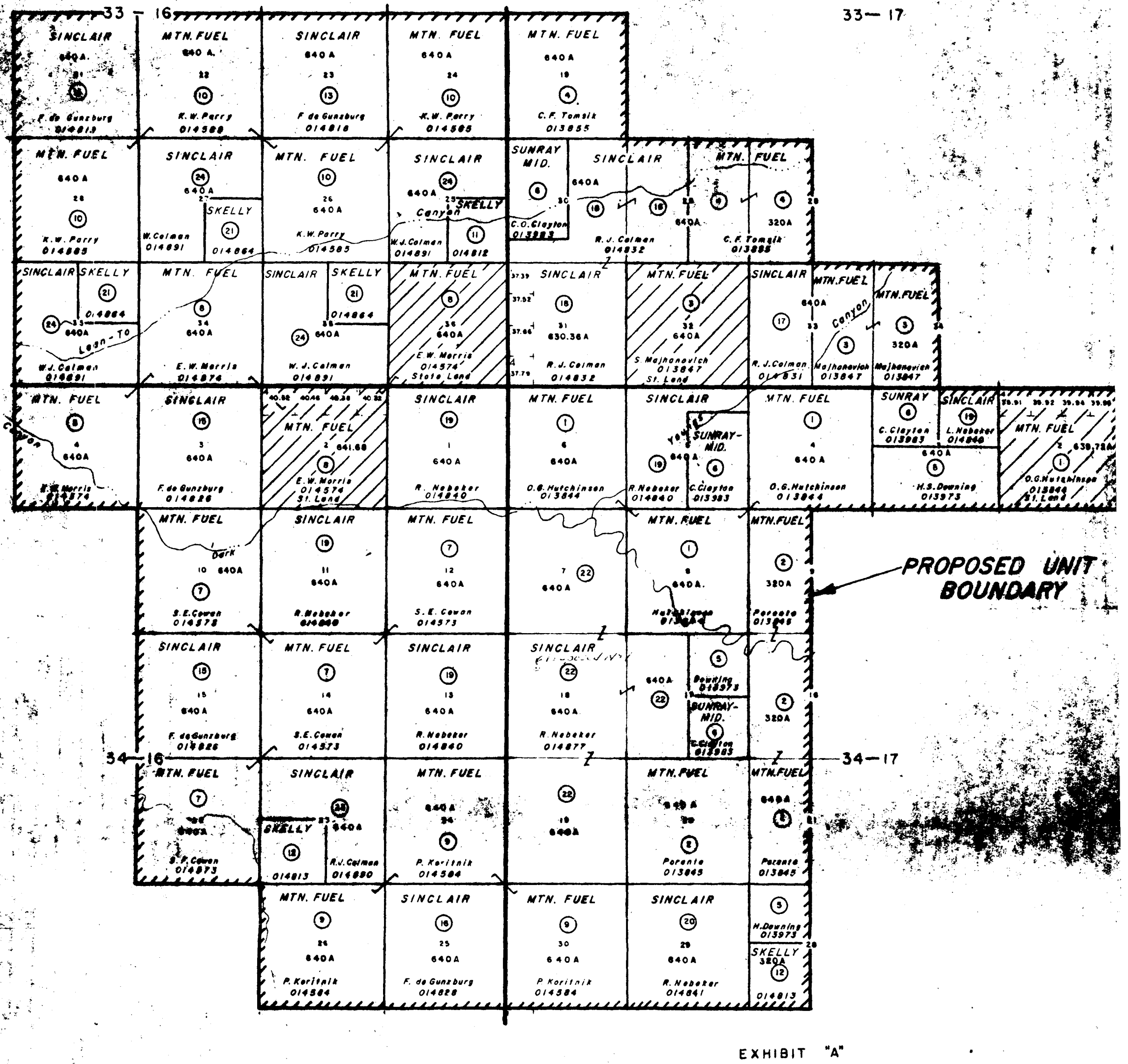
Address 53 East 4th South Street

Salt Lake City, Utah

By J. J. Browne J. J. Browne by JRC

Title Division Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



LEGEND

FEDERAL LAND

STATE LAND SUBJECT TO A PRIOR ISSUED FEDERAL LEASE.

EXHIBIT "A"

L A N D M A P

OF

PROPOSED LEAN-TO CREEK UNIT

S.E. UTAH DISTRICT

SAN JUAN CO. UTAH

TO ACCOMPANY APPLICATION FOR DESIGNATION OF UNIT AREA

TOTAL ACREAGE - 31,351.76

SCALE - 1" = 4000'

JULY, 1959

GENERAL PETROLEUM CORPORATION

LAND DEPARTMENT — LOS ANGELES, CALIF.

FORM 8877

Company General Petroleum Corporation

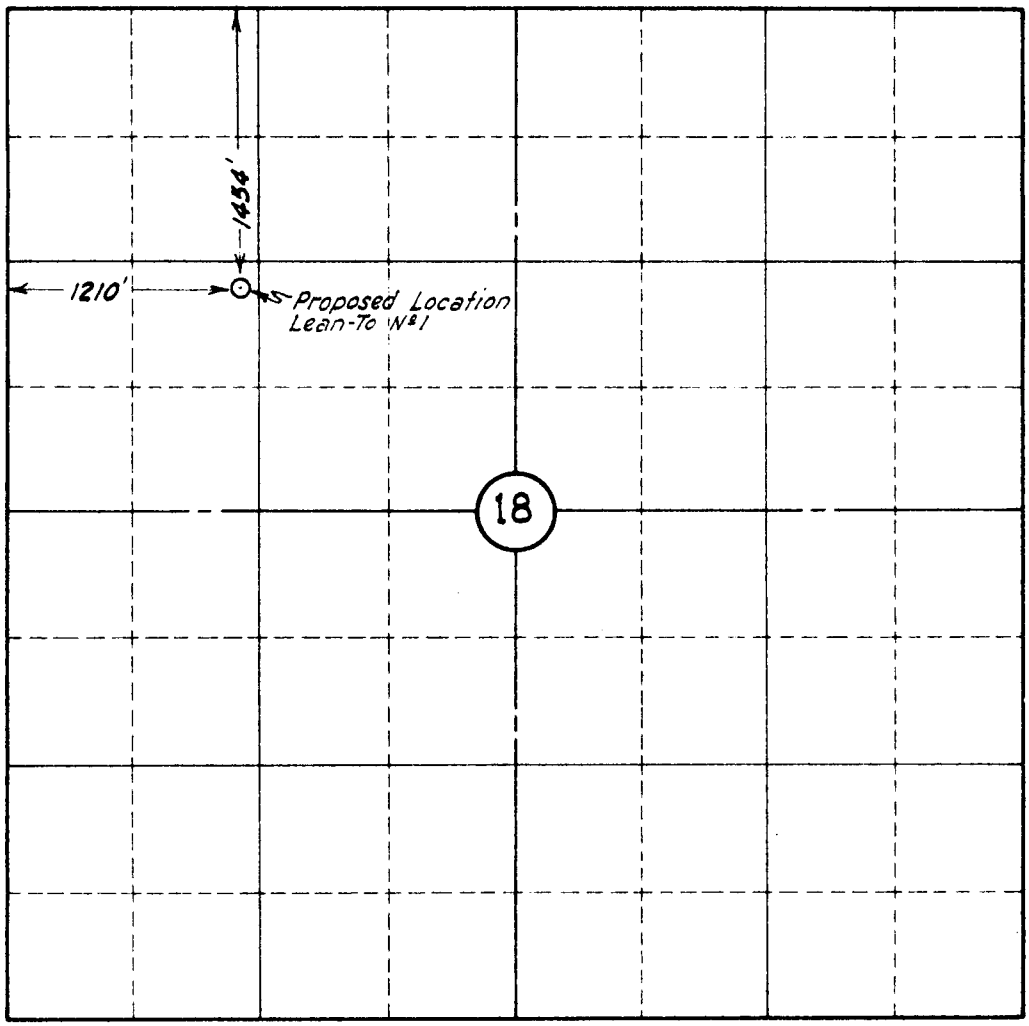
Lease LEAN-TO AREA Well No. 1

Sec. 18 , T. 34 S , R. 17 E

County San Juan State Utah

Elevation 6714.3 Datum Ground Scale: 1" = 1000'

RECEIVED
NOV 24 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

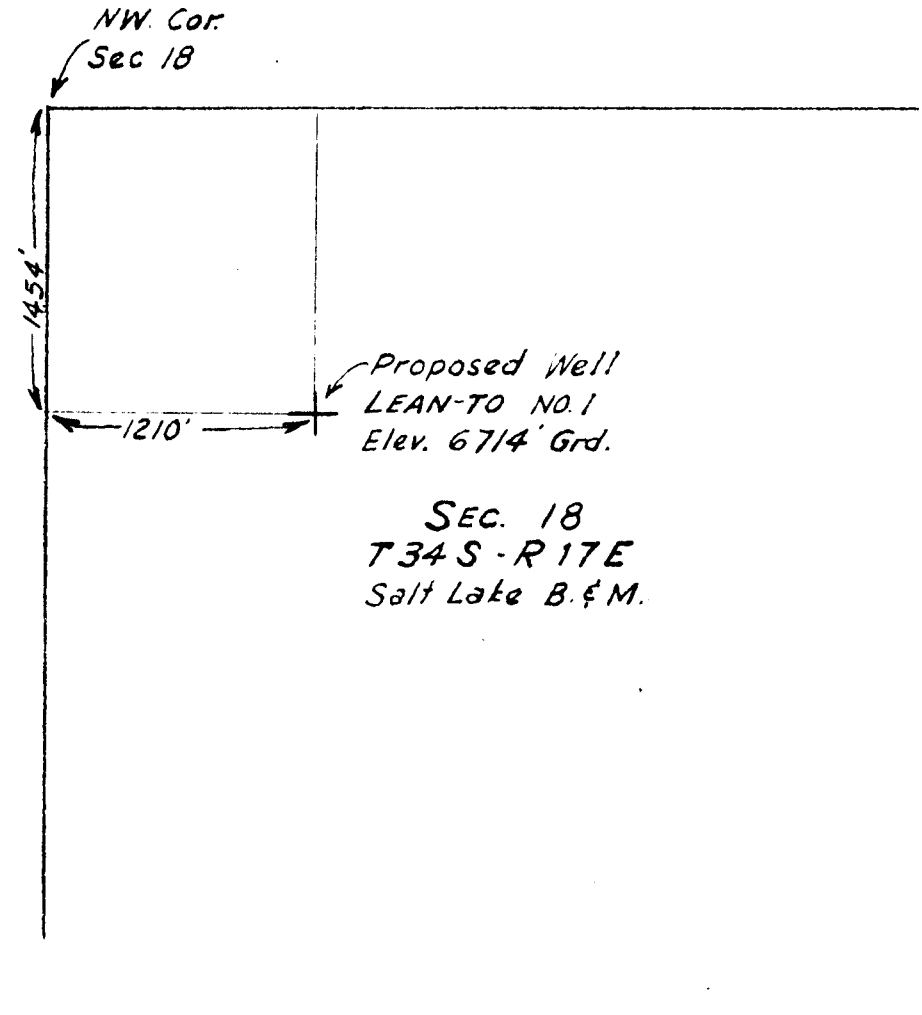


This is to certify that the above plat was correctly and truly prepared from field notes of an actual survey made by me or under my supervision.

SEAL

Registered Land Surveyor

Surveyed NOVEMBER, 19 59



R. P. Pedersen
J. D. H.

PARTY PEDERSEN WOODARD WEATHER	**SURVEY** PRELIMINARY SURVEY LEAN TO NO. 1 IN Sec 18, T 34 S · R 17 E., S.L.B. & M. SAN JUAN COUNTY, UTAH	DATE Nov. 1959 REFERENCES FILE

FORM 5202

General Petroleum Corporation
A Socony Mobil Company
53 East 4th South Street
Salt Lake City, Utah

November 19, 1959

Mr. Cleon B. Feight
Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Re: Lean-to #1 Well

Dear Sir:

This is to confirm our telephone conversation of November 19, 1959, regarding the unorthodox proposed location of our Lean-to #1 Well in Section 18, T. 34 S., R. 17 E., S.L.B.&M., San Juan County, Utah.

Mr. R. L. Pedersen, licensed surveyor, has informed this office that the location of Lean-to #1 Well has been placed in the most logical position in the NW $\frac{1}{4}$ of Section 18. Due to established drainage patterns, it is nearly impossible to locate this well in the approved area of the SW $\frac{1}{4}$, SE $\frac{1}{4}$, or the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 18. The location of said well in the NW $\frac{1}{4}$ - NW $\frac{1}{4}$ of Section 18, in accordance with your Rules & Regulations, would be exceedingly costly for an exploratory well, due to rock outcrops and close proximity of rock to the surface.

The pending designated Lean-to Creek Area encompasses approximately 31,350 acres as shown on the enclosed plot.

Because of the above conditions, this office feels your approval of the proposed location at 1454' South of the North line and 1210' East of the West line in Section 18 is justified under Rule C-3-C, 1 & 2 of the General Rules and Regulations of the Utah Oil & Gas Conservation Commission.

Your favorable consideration and early approval of this location for Lean-to #1 Well will be greatly appreciated.

Yours truly,

GENERAL PETROLEUM CORPORATION

J. R. Covington

J. R. Covington
Asst. Division Petroleum Engineer

JRC:tp
Enclosure

November 20, 1959

General Petroleum Corporation
53 East 4th South
Salt Lake City, Utah

Attention: J. J. Browne
Division Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Lean-To 1, Which is to be located 1454 feet from the North line and 1210 feet from the West line of Section 18, Township 34 South, Range 17 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

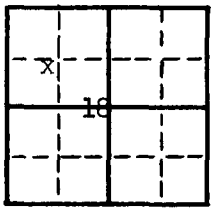
CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:cp

cc: P. T. McGrath, Dist. Eng.
USGS
Farmington, New Mexico

Form OGCC-1 (SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented ☐
State ☐
Lease No.

Public Domain ☒
Lease No. U-014817

Indian ☐
Lease No.

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 Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	X
Notice of Intention to Abandon Well			

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

December 4, 19 59

Well No. Lean-To Unit 1 is located 1454 ft. from {N/S} line and 1210 ft. from {E/W} line of Sec. 18

NW/4 Sec. 18 (¼ Sec. and Sec. No.) | 34S (Twp.) | 17E (Range) | Utah (Meridian)

Lean-To Unit (Approved 11/27/59) (Field) | San Juan (County or Subdivision) | Utah (State or Territory)

The elevation of the ~~derrick floor~~ K.B. above sea level is 6726 feet.

A drilling and plugging bond has been filed with Bureau of Land Management - Salt Lake City, Utah

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 work, surface formation, and date anticipate spudding-in.)

11/30/59 to 12/3/59 — 7-7/8" hole was spudded at 7:30 P.M., Nov. 30, 1959, and drilled to 404'. Opened 7-7/8" hole to 12¼" from surface to 404'. Cemented 9-5/8" new casing at 404' with 175 sax. Good cement returns to surface.

12/4/59 — Landed 9-5/8" casing - prep drill ahead with air.

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

Company GENERAL PETROLEUM CORPORATION

Address 53 East 4th South St.
Salt Lake City, Utah

By J.J.Browne

Title Division Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

8660

COMPANY GENERAL PETROLEUM CORP. **LEASE** LEAN TO **WELL NO.** 1

ELEVATION 6710' K.B. **LOCATION:** 1212.36' E. and 1466.79' S. from N.W. corner of Section 18, T.34 S., R.17 E., S.L.B.& M.

SPUDDED November 30, 1959 ~~COMPLETED~~ ABANDONED December 21, 1959

TOP	BOTTOM	REC'Y	FORMATION
			SIDEWALL SAMPLE DESCRIPTION
	2639		Several large chips, limestone, light brownish-gray, very fine crystalline, dolomitic, very fine sandy, occasional small vugs, soft, very poor porosity, spotty good yellow-white fluorescence, fair cut, dark oil stained streaks. One medium chip limestone, light gray, oolitic, hard, good oolitic porosity, poor permeability, no stain, cut or fluorescence.
	2629		No recovery.
	2622		Recovered mud cake only.
	2602		Very poor sample, one piece limestone, as at 2639', no fluorescence.
	2506		Good sample, limestone, light tan-gray, dense, very fine crystalline, much very fine sand, soft, no fluorescence, no cut, poor to fair porosity and permeability.
	2421		Good sample, limestone, light brown-gray, very oolitic, white chalky matrix, soft to firm, tightly cemented, poor porosity, very little permeability, no fluorescence, cut or stain.
	2417		No recovery.
	2414		Good sample, limestone, oolitic, as 2421', several forams, trace bioclastic, better porosity, very poor permeability, no fluorescence, cut or stain.
	2411		No recovery.
	2408		Good sample, limestone, oolitic, as 2414', no fluorescence, cut or stain.
	2218		Large sample, very soft, plastic mud -- looks like oolitic limestone, contains matrix of fine crystalline limestone plus occasional grains of foreign rocks, probably is mud build up on very porous zone, very weak dull brown fluorescence, no cut.
	2215		No recovery.
	2212		No recovery.
	2209		No recovery.
	2206		No recovery.

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City

Lease No. U-014817

Unit Lean-to
14-08-001-6444

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED
DEC 31 1959
HENRY W. LONG
DISTRICT ENGINEER

1-11-60

RECEIVED
DEC 24 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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	X
NOTICE OF INTENTION TO ABANDON WELL	X		

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

December 22

RECEIVED
DEC 31 1959
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Lean-to Unit
Well No. 1 is located 1454 ft. from {N/S} line and 1219 ft. from {E/W} line of Sec. 18

NW/4 Sec. 18 (¼ Sec. and Sec. No.) | 34S (Twp.) | 17E (Range) | S.L.B.&M. (Meridian)

Wildcat (Field) | San Juan (County or Subdivision) | Utah (State or Territory)

The elevation of the K.B. above sea level is 6726 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)

12/5 to 12/18/59 — 404'-3415' 7-7/8" hole air drilled. Ran gamma-neutron log 402'-3336', and induction log 402'-3371'.

12/19 and 12/20/59 — 3415'-3627', T.D., 7-7/8" hole air drilled. Ran induction log 3411'-3371'. Shot 15 sidewall cores, recovered 8, no shows. Formation tops: CedarMesa, surface; Halgaito, 1005'; Hermosa, 1395'; Molas, 3367'; Leadville, 3450', est.; Madison, 3530', est.

No hydrocarbon shows were encountered, and it is now proposed to abandon the well as follows:

1. Plug at 3400' with 30 sax. Do not locate.
2. Plug at 1435' with 30 sax. Do not locate.
3. Plug at 427' with 40 sax. Top of plug to be at 384' or above.

(OVER)

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

Company General Petroleum Corporation

Address 53 East 4th South St.

Salt Lake City, Utah

By J.J.Browne

Title Division Superintendent

GPO 862040

4. Place 10' bridge of cement in 9-5/8" casing at surface, erect regulation marker, clean up location, and abandon well.

The above program was verbally approved by Mr. P. T. McGrath of the U.S.G.S. on December 20, 1959.

12/21/59 Plugged at 3400' with 50 sax. Plugged at 1435' with 50 sax. Plugged at 404' with 40 sax. Located top at 302'. Plugged at 386' with 15 sax. Located top of plug at 359'. Plugged at surface with 9 sax. Moving out rotary rig.

Mobil Oil Company
A Division of Socony Mobil Oil Company, Inc.
P. O. Box 3371
Durango, Colorado

March 29, 1960

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Re: Submittal of Well Records

Gentlemen:

Submitted herewith are records for Mobil Oil Company Lean-To Unit #1, located in Section 18, T. 34 S., R. 17 E., SLB&M, San Juan County, Utah. The enclosed records were requested by your office in a letter written by Ann W. Glines, dated March 17, 1960.

Similar records will be submitted for Lean-To Unit #2, Section 11, T. 33 S., R. 16 E., as soon as they are made available to us by Mobil's Los Angeles Office.

At your convenience would you kindly furnish this office with copies of the following commission forms:

Form OGCC-2 Affidavit and Record of Abandonment Sent 4/11
Form OGCC-3 Log of Oil or Gas Well

Thank you for your cooperation.

Sincerely,

R. C. Mills
R. C. Mills

RCM:tp

Enclosed well records

FORM 8648

SOCONY MOBIL OIL COMPANY, INC.
successor by merger to
General Petroleum Corporation

GENERAL PETROLEUM CORPORATION
WELL COMPLETION REPORT
ORIGINAL DRILLING

OPERATOR GENERAL PETROLEUM CORPORATION
WELL NO. LEAN TO #1
FIELD WILDCAT
SEC. 18, T. 34S, R. 17E S.L. B & M
STATE Utah COUNTY San Juan
LOCATION 1212.36' E. and 1466.79' S. from N.W. corner of Section 18

LAND OFFICE Salt Lake City LEASE NO. U-014817
ELEVATIONS 6710' (K.B.) 6698' (MAT)
ENGINEER R. C. Mills
GEOLOGIST J. L. Harvey
DATE December 29, 1959

SIGNED J. J. Browne
TITLE Division Superintendent

COMMENCED DRILLING November 30, 1959
COMPLETED DRILLING December 19, 1959
TOTAL DEPTH 3627' PLUGGED DEPTH Surface
JUNK None

ABANDONED
~~PRODUCTION~~ 12/21/59 FLOWING/GAS LIFT/PUMPING
(CROSS OUT UNNECESSARY WORDS)

GEOLOGICAL MARKERS	DEPTH
Cedar Mesa	Surface
Halgaito	1015' (GRN)
Hermosa	1395' (GRN)
Molas	3367' (GRN)
Mississippian	3450' (est.)

PRODUCTION DATA

PRODUCTION, CLEAN OIL		GRAVITY CLEAN OIL	TOTAL CUT %	BEAN SIZE	TUBING PRESSURE	CASING PRESSURE	GAS MCF PER DAY
INITIAL	B/D	NEVER PRODUCED					
AFTER ___ DAYS	B/D						

CASING RECORD (PRESENT HOLE)

SIZE OF CASING (A.P.I.)	DEPTH OF SHOE	TOP OF CASING	WEIGHT OF CASING	NEW OR SECONDHAND	SEAMLESS OR LAPWELD	GRADE OF CASING	SIZE OF HOLE DRILLED	NO. OF SACKS OF CEM.	DEPTH OF CEM. IF THRU PERFS.
9-5/8"	402'	14'	32.3#	New	Smls.	H-40	12-1/4"	175	

PERFORATIONS

SIZE OF CASING	FROM	TO	SIZE OF PERFS.	NO. OF ROWS	DISTANCE BET. CENTERS	METHOD OF PERFS.

ELECTRIC LOG DEPTHS 402'/3411' (induction)

DRILLED BY Aspen Drilling Company

8661

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD WILDCAT

WELL NO. LEAN TO #1 Sec. 18 T. 34S R. 17E S.L. B&M

Signed J. J. Browne

DATE December 29, 1959 Title Division Superintendent

Date	
1959	All measurements refer to the kelly bushing, 12' above the ground level.

DRILLING AN EXPLORATORY WELL TO TEST THE PENNSYLVANIAN AND MISSISSIPPIAN

DRILLING TO 402'

11/30 to 12/3 — Aspen Drilling Company moved in and rigged up rotary drilling equipment. The well was spudded at 7:30 p.m., November 30, 1959, and 7-7/8" hole was drilled to 402' using gel-chemical drilling mud. Circulation was lost at 30' and 375' but was regained with lost circulation material. There were partial returns while drilling from 305' to 375'. The 7-7/8" hole was opened to 12-1/4" from the surface to 402'. While opening the hole there was frequent partial loss of returns.

CEMENTING 9-5/8" CASING AT 402'

12/3 to 12/4 — 13 joints (404.58') of 9-5/8" O.D., new, 32.3#, H-40, Lone Star, S.T.& C., 8-round thread, seamless casing, with a Larkin cement guide shoe on bottom, was cemented at 402' with 175 sax of Ideal regular cement treated with 2% calcium chloride (30 bbls. of water ahead, mixing time 8 minutes, slurry weight 15.5#/gal. (116#/cu.ft.), displaced with 161 cu.ft. of water in 9 minutes, used one bottom and one top rubber plug, there were good cement returns to the surface). Completed at 10:00 a.m., December 3, by B. J. Cementers.

The casing was cut off and landed in the cellar with the top at 14'. The casing was welded to the landing base. Blowout prevention equipment, including a Shaffer rotating head, was installed. After standing 26 hours, the casing, cement and blowout preventers were tested with 500 psi without loss of pressure. The top of the cement plug was located at 370' and after blowing the water from the hole with air, the plugs, cement and guide shoe were cleaned out from 370' to 402'.

DRILLING FROM 402' TO 3415'

12/4 to 12/18 — 7-7/8" hole was drilled from 402' to 3415' using air as the circulating fluid. Air returns were lost at 495', but partial air returns were regained below 495' by drilling slowly and picking up the drill string every 5' to 10'. Two air compressors which delivered 1750 Mcf/D at 110 psi were used in drilling to 773'. The pipe was stuck at 690', but was worked loose. Only 25% of the input air was returned to the surface while drilling from 690' to 773'. The drill pipe showed a tendency to stick at 773' due to dampness in the hole. A third air compressor was added at 773' which increased the input air volume to 2600 Mcf/D at 110 psi. The use of three air compressors permitted "dusting," although the dust was slightly damp, and at times it was necessary to pick up the drill string after

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD WILDCAT

WELL NO. LEAN TO #1 Sec. 18 T. 34S R. 17E S.L. B&M

Signed J. J. Browne

DATE December 29, 1959 Title Division Superintendent

Date

1959

drilling 6' to 10' in order to maintain good air returns. After making a trip at 1085', the hole was wet and mud balls came out of the blooey line, but the good return of air made it possible to continue drilling. While drilling from 1200' to 1429', the well dusted and the volume of returned air was high, with the dust being only slightly damp. While making a trip at 1429', the hole was tight between 1225' and 1185', making it necessary to drill up in order to pull through the tight section. No cuttings were brought to the surface while drilling from 1429' to 1460' although there were good air returns. The well dusted from 1460' to 1875', but from 1875' to total depth no cuttings reached the surface. At 1896', mud began blowing through the blooey line and the air input pressure increased from 110 to 115 psi, but the air return volume was high. From 1896' to 3627', total depth, Afrox and water were injected continuously at 6 bbls./hour, with one gallon of Afrox being mixed with 12 barrels of water. Minor amounts of Afrox and water were returned to the surface only after round trips.

Bit footage was greatly reduced between approximately 2250' and 2495'. The bits were under-gauge when pulled and the cones were very loose. The bits which were pulled at 2403' and 2465' had each lost the bearings from one cone. Below 2495', bit performance was satisfactory, but the hole contained much water and the circulating pressure rose to 350 psi after round trips and connections. A pressure booster capable of increasing the air compressors' output to 1500 psi was installed at 2995' and used for subsequent drilling. From 3150' to total depth, lime was added to the Afrox and water at a ratio of one pound per barrel.

While drilling from the surface casing shoe at 402' to 3415', it was often necessary to discontinue drilling and pick up the bit off bottom and blow the well in order to re-establish sufficient air returns. This procedure also helped to insure that the drill pipe was free and minimized the hazards of drilling with partial or complete absence of cuttings returns.

After drilling to 3415', Schlumberger ran an induction log from 3371' to 402', a gamma log from 3366' to 402' and a neutron log from 3362' to 402'. The logging tools would not go below 3371' due to the presence of cavings or sloughing material in the hole. The top of the Molas formation was at 3367' and it was this formation which presumably filled the well bore. While logging, the fluid level rose from 1824' to 1770' in one hour.

DRILLING FROM 3415' TO 3627', TOTAL DEPTH

12/18 to 12/20

After logging, four hours was required to ream and clean out the hole from 3355' to 3415'. 7-7/8" hole was drilled from 3415' to 3627', total depth, with air, Afrox and water. While drilling from 3415' to 3627', the hole seemed to be caving badly and circulation pressure rose to 650-700 psi after connections.

8661

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD WILDCAT

WELL NO. LEAN TO #1 Sec. 18 T. 34S R. 17E S.L. B&M

Signed J. J. Browne

DATE December 29, 1959 Title Division Superintendent

Date	
1959	After drilling to 3627', 50 barrels of water and 200 barrels of viscous drilling mud containing lost circulation material was spotted on bottom, but the hole could not be filled. Schlumberger ran an induction log from 3411' to 3371', being unable to get the logging tool below 3411'. Sidewall samples were taken at 15 various depths between 2206' and 2639', of which 11 samples were recovered. No encouraging shows had been encountered while drilling nor in the electric logs and sidewall samples, so it was decided to abandon the well. PLUGGING AT 3400'
12/21	With open end 4-1/2" drill pipe hanging at 3400', 50 sax of Ideal regular cement was pumped in (20 bbls. of water ahead, mixing time 4 minutes, slurry weight 15.5#/gal. (116#/cu.ft.), displaced with 28 bbls. of water in 4 minutes). Completed at 1:10 a.m. by B. J. Cementers. PLUGGING AT 1435' With open end 4-1/2" drill pipe hanging at 1435', 50 sax of Ideal regular cement was pumped in (20 bbls. of water ahead, mixing time 4 minutes, slurry weight 15.5#/gal., displaced with 17 bbls. of water in 3 minutes). Completed at 2:25 a.m. PLUGGING FROM 427' TO 392' With open end 4-1/2" drill pipe hanging at 427', 40 sax of Ideal regular cement treated with 2% calcium chloride was pumped in (10 bbls. of water ahead, mixing time 3 minutes, slurry weight 15.5#/gal., displaced with 4 bbls. of water in 1 minute). Completed at 4:10 a.m. At 9:00 a.m., the top of the cement plug was located at 392'. PLUGGING FROM 386' TO 359' With open end 4-1/2" drill pipe hanging at 386', 15 sax of Ideal regular cement treated with 3% calcium chloride was pumped in (4 bbls. of water ahead, mixing time 1 minute, slurry weight 15.5#/gal., displaced with 4 bbls. of water in 1 minute). Completed at 11:45 a.m., December 21, 1959, by B.J. Cementers. After standing 4-1/2 hours, the top of the cement was located at 359'. PLUGGING 10' TO SURFACE After removing the blowout prevention equipment and cutting off the landing base,

GENERAL PETROLEUM CORPORATION

HISTORY OF OIL OR GAS WELL

OPERATOR GENERAL PETROLEUM CORPORATION FIELD WILDCAT

WELL NO. LEAN TO #1 Sec. 18 T. 34S R. 17E S.L. B&M

Signed J. J. Browne

DATE December 29, 1959 Title Division Superintendent

Date

1959

the top 10' of the 9-5/8" casing was filled with cement. A regulation abandonment marker was erected and the well was plugged and abandoned December 21, 1959. The drilling rig was released at 6:00 p.m., December 21, 1959.

CONDITION OF WELL AS ABANDONED

CASING RECORD: 9-5/8" casing cemented at 402' with 175 sax.

TOTAL DEPTH: 3627' JUNK: None

PLUGS: 3400'/top not located, with 50 sax
1435'/top not located, with 50 sax
427'/392', with 40 sax
386'/359', with 15 sax
10'/Surface

HOLE SIZE SUMMARY: 12-1/4" surface to 402'
7-7/8" 402' to 3627'

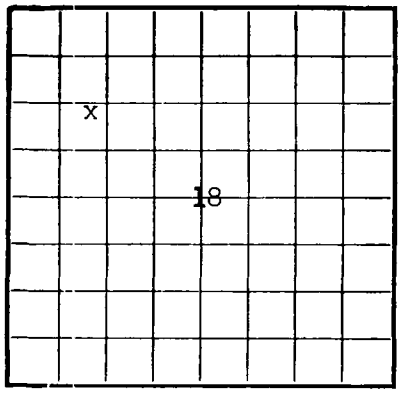
Compiled by R. C. Mills

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Socony Mobil Oil Co., Inc. Address P. O. Box 3371, Durango, Colorado

Lease or Tract Lean-To Unit Field Wildcat State Utah

Well No. 1 Sec. 18 T. 34S R. 17E Meridian SLB&M County San Juan

Location 1454 ft. {N./S.} of N Line and 1210 ft. {E./W.} of W Line of NW-4 Sec. 18 Elevation 6726' KB
(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 P. M. Barry

Date March 29, 1960 Title Dist. Prod. Supt.

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

Commenced drilling November 30, 19 59 Finished drilling December 19, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 None 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
9-5/8"	32.3	8 rd.	Lone Star	402	Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	402'	175	Pump		161 cubic ft. water

PLUGS AND ADAPTERS

MARK | OLD

FOLD

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 surface feet to 3627 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Date P & A December 21, 19 59 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

G. Johnson, Driller R. E. Mayfield, Driller

E. Hickey, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
			Two copies of complete well history accompany this form. History includes formation tops, sample descriptions, and complete journal of drilling and plugging operations.

[OVER]

MAR 30 1960