

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P & A, or operations suspended 10-12-55
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

Non Commercial

Subsequent Report of Management
Prior OGC

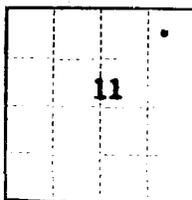
FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input checked="" type="checkbox"/>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<input type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed <u>11-3-55</u>	Location Inspected _____
CW _____ TA _____	Bond released _____
SIGW <input checked="" type="checkbox"/> CS _____ PA <input checked="" type="checkbox"/>	State of Fee Land _____
LOGS FILED	
Driller's Log <u>8-18-56</u>	
Electric Logs (No.) <u>1</u>	
E- <input checked="" type="checkbox"/> Lat _____	E-I _____ GR _____ GR-N _____ Micro _____
Mi-L _____	Sonic _____ Others _____

GEOLOGIC INTERPRETATION

Southman Canyon # 2 was drilled in Section 11, Township 10 South, Range 23 East, approximately 1 mile north east of Southman Canyon # 1. The well was drilled to test the Upper Wasatch. An Upper Wasatch sand in Southman Canyon # 1 correlated with the producing zone in Chapita wells # 2. Chapita wells # 2 lies approximately 1/2 miles to the north west of Southman Canyon # 2.

Southman Canyon # 2 was drilled on a seismic high, interpreted to be 125' higher structurally than Southman Canyon # 1, and on the same trend as Chapita wells # 2. The seismic high did not materialize. Southman Canyon # 2 producing sand was found to be 150' lower structurally than Southman Canyon # 1 and 275' lower to the seismic interpretation. The top of the Green River was 100' lower structurally than # 1 and the top of the Wasatch 150' lower - evidencing thickening of the Green River Formation to the north east. This thickening could account for the error in seismic interpretation.

The producing sand in Southman Canyon # 2 is correlative with Southman Canyon # 1. Also the # 1 well is structurally higher, therefore, it is felt that a re-completion of Southman Canyon # 1 should be attempted before additional drilling be done in the unit.



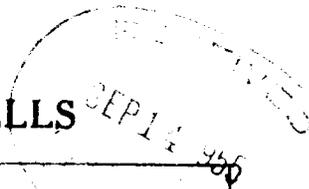
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-01299**
Unit **Southman Canyon**

ORIGINAL FILED IN [illegible]

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>	

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

September 13 19 55

Well No. **2** is located **150** ft. from **N** line and **1152** ft. from **E** line of sec. **11**

NE 1/4 Sec. 11
(1/4 Sec. and Sec. No.)

10 South 23 East
(Twp.) (Range)

S.L.B.&M.
(Meridian)

Wildcat
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is **5479.7** Ground

DETAILS OF WORK

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

It is intended to drill the above described well using rotary tools to an approximate depth of 6000' testing the Upper Wasatch formation.

CASING PROGRAM

Surface: 9-5/8" surface casing set at 160' with cement circulated.

Production: 5 1/2" 15.5# J-55 casing set at 6000' with 200 to 300 sks of cement.

APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO

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

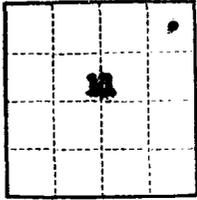
Company **El Paso Natural Gas Company**

Address **902 Tribune Building**

Salt Lake City, Utah

Original Signed
D. E. LOCKETT
By
D. E. Lockett
Title **Senior Petroleum Engineer**

Form 9-551a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CISPER

Land Office Salt Lake
Lease No. U-01299
Unit Southern Canyon



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

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

September 21, 1955

Well No. 2 is located 150 ft. from N line and 1152 ft. from W line of sec. 11
NE 1/4 NE 1/4 Sec. 11 10 South 23 East S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5489 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)

September 19, 1955 - Spudded well.

September 21, 1955 - TD 192'.

Ran 4 Jts. of 9-5/8" spiral weld surface casing (161') set at 172' with 125 lbs. of cement circulated to the surface.

Held 500 PSIG for 30 mins with B.O.P.

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

Company El Paso Natural Gas Company
Address 902 Tribune Building
Salt Lake City, Utah

Original Signed
By D. E. LOCKETT
D. E. Lockett
Title Senior Petroleum Engineer

Approved SEP 23 1955
D. A. Dwell
District Engineer

RECEIVED
OCT 12 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **Salt Lake City, Utah**
LEASE NUMBER **U-01299**
UNIT **Southern Canyon**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1955.

Agent's address 902 Tribune Building
Salt Lake City, Utah
Phone Empire 3-5754

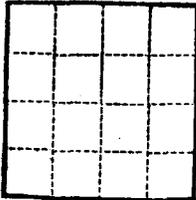
Company E. I. Royal Oil & Gas Co.
Signed D. E. LOCKETT
Agent's title Senior Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In the gas)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NE 11 U-01299	10S	23E	2							New Location: Spudded well 9-19-55. Drilling @ 959'.

ORIGINAL FORWARDED TO CASPER

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

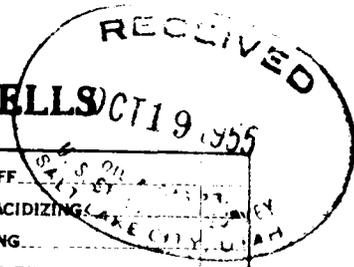


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City, Utah**
Lease No. **5-41299**
Unit **Southern Canyon**

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.....	Subsequent report of DST	X

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

October 14, 1955

Well No. **2** is located **150** ft. from **(N)** line and **1152** ft. from **(E)** line of sec. **11**

11 (Section No.) **10 South 21 East** (Range) **S. 1. R. 4 N.** (Meridian)
Utah (County or Subdivision) **Utah** (State or Territory)

The elevation of the derrick floor above sea level is **5189** 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)

October 8, 1955

WT 731 1210-10. Tool open 30 min., Shut-in 15 mins. Rec. 65' oil & gas out mud. 277-0, 777-0, 817-0.

October 9, 1955

WT 731 2020-2300. Tool open 1 1/2 hrs. Shut-in 50 mins. Rec. 70' of drlg mud. 277-0, 777-0, 817-1150 PSI.

October 12, 1955

WT 731 1379-1456. Tool open 45 min, Shut-in 15 mins. Rec. 15' oil-gas-out-drlg mud. 277-0, 777-05, 782, 817-125 PSI.

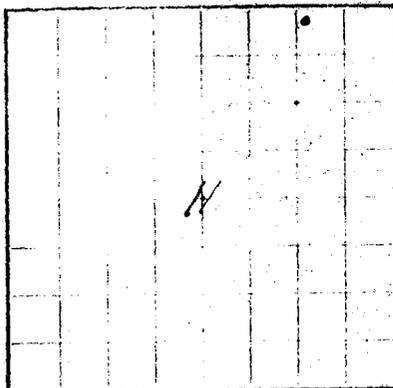
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Company**
Address **902 Tribune Building Salt Lake City, Utah**

Approved **OCT 14 1955**
[Signature]
District Engineer

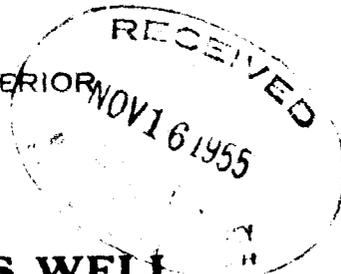
Original Signed
By **D. E. LOCKETT**
Title **Senior Petroleum Engineer**

U.S. LAND OFFICE **Salt Lake City, Ut.**
SERIAL NUMBER **U-01299**
LICENSE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **E1 Paso Natural Gas Company** Address **902 Tribune Building, Salt Lake City, Ut.**
Lessor or Tract **Southman Canyon Unit** Field **Wildcat** State **Utah**
Well No. **2** Sec. **11 T. 10S R. 23E Meriba S.L.B.&M.** County **Uintah**
Location **150 ft. S. of N Line and 1152 W. of E Line of Section 11** Elevation **5189**
(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 **D. E. LOCKETT**

Date **November 9, 1955** Title **Senior Petroleum Engineer**

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

Commenced drilling **September 19, 1955** Finished drilling **October 25, 1955**

OIL OR GAS SANDS OR ZONES

Denote gas by G.

No. 1, from **4655** to **4686 (G)** 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 **4860** to **4883** 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	25.0	spiral weld	Arco	161	Baker				
5 1/2	15.5	8 Rd	Spang	5035	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	125	plug		
5 1/2	5046	250	plug		

PLUGS AND ADAPTERS

Heaving plug—Material **drillable** Length **31** Depth set **4675 & 4803**
Adapters—Material _____ Size _____

SHOOTING RECORD

Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

SOLD MARK

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	125	plug		
5 1/2	5046	250	plug		

PLUGS AND ADAPTERS

Heaving plug—Material drillable Length 3' Depth set 4675 & 4803
 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 5050 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES GSI Nov. 1, 19 55
 Put to producing _____

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 1,250,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1745 PSIG surface

EMPLOYEES

_____, Driller
 _____, Driller
 _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	800	800	Uinta
800	4040		Green River
4040	5070 TD		Wasatch (upper)

{OVER}

DAILY DRILLING RECORD - SOUTHPAN CANYON UNIT NO. 2

Sept. 19, 1955 Spudded well.
 Sept. 20, 1955 Drilling Surface hole 15".
 Sept. 21, 1955 TD 192. Ran 162' of 9-5/8" surface casing set at 172' with 125 sacks of cement circulated to the surface.

Sept. 22 to 23 Drilled 8-3/4" hole from 192' to 836' back of drill collars at 539'. Fishing for same.

Sept. 24 Fishing for collars.
 Sept. 25 " " "
 Sept. 26 Spotted oil. Jarring on fish.
 Sept. 27-28 Working fish.
 Sept. 29 Ran string shot, back off fishing tools. Ran washover pipe to washover collars. Recovered fish after washover.

Sept. 30 to Oct. 4 Drilling 8-3/4" hole 836-1671. Lost circulation zone 1212-1671.
 Oct. 5, 1955 Cemented lost circulation zone off with 500 sacks of cement; 25 sacks Gel, 5 sacks Floseal, 100 cu. ft. strata crete.

Oct. 6, 1955 Drilling out cement.
 Oct. 7, 1955 Drilling ahead at 1840'.
 DST #1: 1810-40. Tool open 30 mins, SI 20 mins. Rec. 65' oil and gas cut mud. All pressures zero.

Oct. 8 to 9 Drilling 8-3/4" hole from 1840 to 2300.
 DST #2: 2200-2300. Recovered 70' oil cut drlg mud. IF=0, FF=0, SIP=1450.

Oct. 10 to 13 Drilling 8-3/4" hole from 2300-3456.
 DST #3: 3399-3456. Tool open 45 mins, SI 15 mins. Rec. 15' slightly gas cut mud. IF=0, FF=25, SIP=25.

Oct. 14 to 15 Drilling 8-3/4" hole from 3456-3745.
 DST #4: 3712-3745. Tool open 30 mins, SI 15 mins. All pressures zero. Recovered 20' S-G-C-M.

Oct. 16 to 18 Drilling 8-3/4" hole from 3745-4387. Ran Schlumberger ES and Micro logs.

Oct. 19 to 21. Drilling 8-3/4" hole from 4387-4712. Cut Core #1: 4652-72.
 DST #5: 4652-4712. Gas to surface in 5 mins, salt water in 18 mins, SI 30 mins. Recovered 780' gas cut salt water. IP=600, FP=1075, SIP=1985, Estimated 1500 MCFPD.

Oct. 22-24. Drilling 8-3/4" hole. TD 5050.
 Core #2: 4980-5023. Not recovered.

Oct. 25 TD 5050. Ran Schlumberger velocity survey.
 Oct. 26-27 TD 5050. Attempted to straddle pack test. Packers failed 4650-70. (DST #6)

Oct. 28 Conditioning hole to run casing to TD 5050. Ran 126 Jts. of 5 1/2" J-55 15.5# casing (5035) set at 5046' with 250 sks of cement.

Oct. 29 Ran temperature survey top of cement at 4250'; also ran Gamma Ray-Neutron logs for perforating.

Oct. 30 Pick up tubing. Perf Zone 1 with 4 jets per ft. from 4858-4888'.
 Oct. 31 DST #7: (Hookwall) 4858-4888. Recovered 1034' of brackish water. IFP=110#, FFP=450#. Set Bridge Plug at 4803. Perf. Zone No. 2 with 4 jets/ft from 4679-86.
 DST #8: (Hookwall) 4679-86. Recovered 110' brackish water. All pressures zero. Set Bridge Plug at 4675.

Nov. 1, 1955 Perforated Zone No. 3 4663-4670. Went in casing for DST #8 when well unloaded. Waiting on ~~Shaffer~~ stripper head and small B.O.P.

Nov. 2 Repairing rig. Waiting on Howco to kill well.
 Nov. 3 Circulated well with Howco. Came out of hole with test tool. Re-ran and landed tubing at 4645.

Nov. 4 Rigging down and setting Christmas tree.
 Nov. 5 Rig released.
 SIP casing - 1745 PSI
 SIP tubing - 1690 PSI
 FLWG casing - 240 PSI
 Gauged 1250 MCFPD and 240 bbls of salt water per day.

CORES

- Core # 1: 4652 - 4672 20' Full Recovery
4' Ss-G, F.G. Hd, TI, shly w/sh part.
16' Ss-G, M.G. por firm. Scattered P.P. FL no odor.
- Core # 2: 4980 - 5022 No Recovery - Core catcher washed out.

DRILL STEM TESTS

- DST # 1: 1810-40 T.O. 30 min - no blow.
S.I. 15 min - Rec. 65' O-G-C-M.
All pressures #0 HH 840 .
- DST # 2: 2200-2300 T.O. 1 1/2 hrs. - fair blow - decreasing at end.
S.I. 50 min. Rec. 70 G-C-M.
IF=0 FF=0 SIP=1450 HH=1600 Temp=100°
- DST # 3: 3395-3455 T.O. 1 hr. - wk blo air thruout test.
S.I. 15 min. - rec. 15' G-C-M.
IF=0 FF=25 SIP=125 HH=2700 Temp=100°
- DST # 4: 3712-45 T.O. 30 min - all blo died 3 min.
S.I. 15 min - rec 20' ϕ mud.
All pressures #0 HH=1875 Temp=106°
- DST # 5: 4648-4712 T.O. 1 3/4 hrs. - Gas surf 5 min. - heavy spray
wtr 18 min.
Est. 1-1 1/2 MCF
S.I. 45 min - rec. 20' G-O-C-M 760' G-C-salt
wtr.
IF=600 FF=1070 SIP=1985 HH=2350
- DST # 6: 4650-4670 Pkr. failed.
- DST # 7: 4858-4888: Hook wall
T.O. 2 hrs. - str blo - decr at end of test.
S.I. 1 hr. - rec. 1036' brackish wtr.
IF=110 FF=450 SIP= bomb failed.
- DST # 8: 4679-86 Hook wall
T.O. 1 hr. - good blo decr in 1 hr.
S.I. 1 hr. - rec 110' wtr.
All pressures #0.
- DST # 9: 4663-4670 Hook wall - Pkr. failed.

CORE ANALYSIS

	<u>Water</u> <u>Sat.</u>	<u>Oil</u> <u>Sat.</u>	<u>Por.</u>	<u>Perm.</u>	<u>Chloride</u>
4654.5	100%	0	3%	<1	2000ppm
4664.5	53%	0	13%	69	
4671.5	61%	0	16%	12	

*

SAMPLE DESCRIPTIONS

Described by

John P. Clutter

- 190-200 siltst, red-brn, sdy.
- 220-30 sh, grn-gr, sdy plty, w/ss, f.g., fri.
- 230-40 ss, wt f.g., fri, asp res.
- 240-50 sh, red-brn, grn, gr, plty.
- 250-60 ss, gr f.g., asp res.
- 260-300 No good samples (cement contaminated)
- 300-10 ss gr, f.g., fri.
- 310-30 ss, dk gr, f.g., silty w/ sh, dk gr sdy.
- 330-40 sh, as above.
- 340-00 sh, red-brn, grn, gr, sdy, silty.
- 390-430 ss, cr, f.g., dirty, w/ ss, yell m.g., ang, dirty.
- 430-80 ss, wh, f.g., w/cem dirty asp res.
- 480-520 sh, dk gr to gr, grn, sdy.
- 520-70 ss, dk gr, f.g., silty, mic, (asp res?) w/silt gr, sdy.
- 570-80 ss, gr, f. to m.g., ang, calow/com.
- 580-610 ss as above w/l.s, wh, f. xln, dnsc.
- 610-40 ss, gr f.g., silty asp res.
- 640-70 as above w/sh, gr to dk gr, sdy silty.
- 670-700 ss, gr, f to m.g., w/cem dirty, mic asp res, w/l.s, buff f. xln, dnsc.
- 700-10 ss, gr, f. to m.g., dirty, silty w/qtz nodis.
- 710-20 siltst, gr to grn, v. sdy, mic.
- 720-60 sh, grn, gr, red blk, w/ss, f.g., p/cem w/l.s buff dnsc.
- 760-00 ss, gr, m.g., p/sor, p/cem, asp, res. ss, yell, m.g., w/cem dirtytr. qll.

790-800 Ss, grn, gr, f.g., p/sor
800-20 Ss, as above w/tr sh, brn, mar, silty.
820-40 Ss, lt gr, f. to m.g., dirty, asp. res.
860-80 Ss, grn, gr, f.g., w/cem, dirty silty, asp. res.
880-910 Ss, gr, f.g., w/cem, dirty, silty, asp. res w/siltst, gr, v. sdy.
910-30 Ss, gr, f.g., fri, asp. res., silty.
930-50 Ss, brn, to tan, m.g., p/sor, ang, calc/cem
950-90 Siltst, gr, v. sdy, silty.
990-1050 Ss, gr, f.g., v. silty, - carb. matter, mic.
1050-90 Ss, lt gr, m.g., ang, p/sor, p/cem asp. res. (gil)
1090-1120 No sample
1120-30 Ss, gr, f.g., v. silty, carb. matter.
1130-40 Sh, reddish brn, marly.
1140-60 Ss, gr, f.g., v. silty.
1160-80 Sh, brn, marly, sdy.
1180-1300 Ss, gr, f.g., v. silty.
1200-1270 No Sample.
1270-30 Sh, dk brn, marly, asp. res.? pyritic.
1280-1320 As above w/Ss lt gr, v.f.g., dirty, silty, asp. res. v. calc, pyritic.
1320-1436 Sh, dk brn, marly w/gil.
1436-1680 Lost circ. poor sample or N.R.
1680-1810 Sh, dk brn, marly, asp. res. (Gil)
1820-80 Ls, tan, f. xln, w/Sh, dk brn, marly.

1880-1950	Sh, dk brn, marly, tan sdy w/Ls, tan f. xln.
1950-1980	Sh, dk brn, marly, asp. res. (GII)
1980-2000	Ls, tan to cream, f. xln, dnse, slty.
2000-20	As above w/tr Ss, gr, f.g., tl, mlc.
2020-2100	Sh, dk brn, marly, w/Ls as above.
2100-20	As above w/Ss, lt. gr, f.g., hd., tl., mlc.
2120-80	Sh., dk brn, marly, sdy.
2180-2210	Sh, as above w/tr, Ss, gr, f.g., tr. Ls, tan dnse.
2210-20	Sh, dk brn, marly sdy.
2220-30	Ls, tan, f. xln, dnse, w/Ss lt, gr, f.g., slks.
2230-50	Sh, dk brn, marly, sdy.
2250-80	Ls, tan to cream, dnse.
2280-2300	Sh, gr, calc., sdy, w/Ls, tan to gr, f. xln.
2300-30	Ls, tan f. xln, w/Sh, gr, calc.
2330-2400	Ls, tan, gr, f. xln.
2400-40	Sh, gr, calc, sdy, plty.
2440-60	Sh, dk brn, marly, sdy.
2460-80	Ls, tan, f. xln, dnse.
2480-2500	Sh, gr, sdy, mlc.
2510-20	Ls, tan, sdy, f. xln, dnse.
2520-30	As above w/tr. ost.
2530-60	Sh, gr, sdy, calc, plty.
2560-80	Ls, tan, f. xln.
2580-2600	Ls as above w/oo lites w/tr Ss, gr, f.g.
2600-30	Ss, gr, f.g., w/cem, calc.
2630-40	Ls, tan, cream, f. xln, ost.
2640-50	Sh, dk gr. to gr, sdy, calc.
2650-60	La, tan, ost., sdy.

-9-

2660-70	Ss, gr, f.g., silty, dirty, ost.
2670-90	Sh, gr, sdy, calc, plty.
2690-2710	Ls, tan, oolitic, dnse.
2710-20	Ss, gr, f.g., oolitic.
2720-30	Ss, wh., f.g., w/cem, rounded.
2730-80	Ss, as above w/ Sh grnsh-gr, sdy.
2780-90	Sh, grnsh-gr, sdy, silty, plty.
2790-2830	Ls, tan to gr, ost.
2830-40	Ss, wh, f.g., w/cem.
2840-50	Ls, tan, ost.
2860-90	As above w/Ss, wh, f.g., w/cem, ost.
2890-2910	Ls, Ss, as above, w/Sh, gr, sdy.
2910-20	Sh, gr, sdy.
2920-30	Sh as above w/Ls tan, silty.
2930-50	Ls, tan silty, Sh, gr, sdy, tr, ss, gr, f.g., silty.
2950-70	Sh, gr, sdy, w/Ss, gr, f.g.,
2970-90	Ls, tan, ost, dnse, w/Sh, gr, sdy, w/Ss gr, f.g., silty.
2990-3000	Ls, as above w/Ss, lt gr, f.g.
3000-30	Ss, lt gr, f.g., calc/cem, pyritic.
3030-40	Ls, ost. tan, w/Ss as above.
3040-50	Ss, gr, f.g., w/Ls as above w/siltst, gr, sdy
3050-3210	Sh, gr. to dk gr, f.g. Ss, plty, calc.
3210-50	Ss, lt gr, f.g., w/cem, shly, nic.
3250-70	siltst, gr, ve sdy, calc.
3270-3310	Ss, gr, f.g., fri, silty, w/ost
3310-40	Sh, gr, sdy, plty.
3340-80	Sh, as above w/Ls, brn f. xln.
3380-3400	Ls, tan to brn, sdy, dnse, w/tr. ost.

3400-40	Sh, gr, plty, blk, sdy.
3410-30	Ss, gr to brn, f.c., v. calc, cut w/ CCl ₄ , oil stain.
3430-40	Sh, dk gr to gr, plty.
3440-70	Ls, brn, f. xln, w/tr. Ss, r, f. .
3470-3540	Sh, gr, plty, sdy.
3540-80	Sh, gr, plty, calc, w/ost. Ls, dk brn, shly.
3580-90	Sh, as above w/ Ss wh., f.g.
3590-3610	Sh, gr, plty, calc, w/Ls, brn f. xln, ost.
3610-90	Sh, gr, plty, calc w/Ls, brn f. xln.
3690-3700	Sh, as above w/Ss gr, f. .
3700-10	Sh, gr, plty.
3710-20	Ss, brn, f.c., w/cem, oil stain, asp. res.
3720-40	Sh, gr, plty, sdy, fiss, w/tr sh, brn sdy, blk.
3740-70	Sh as above w/ Ls, tan f. xln, tr ost.
3770-90	Sh, as above w/Ss gr, f.c., shly.
3790-3800	Ss, wh, f.c., w/cem, fl.,
3800-30	Sh, gr, grn, plty, fiss., blk.
3830-40	Sh, as above w/Ls tan f. xln.
3840-60	As above w/ tr. Gil.
3860-80	Ls, brn, f. xln.
3880-3900	Ss, wh, f.c., w/cem, ditty, asp. res. mic.
3900-10	Sh, gr. to grnsh gr, plty, fiss w/Ls, brn, f. xln.
3910-30	Ls, brn, f. xln, dnse.
3930-80	Ls, brn, dnse, ost.
3980-4000	Sh, gr, to dk gr, plty, w/Ls stks as above.
4000-30	Ls, tan to brn, f. xln, ost.
4030-45	Sh, gr, grn, plty, w/Ss, r, f.c., w/tr slst. red.
4045-60	Sh, red-sdy, blk.

4060-80	Ls, gr, f.xln.
4080-90	Siltst, red brn, gr, sty, w/tr ss,gr, f.g.
4090-4150	Sh, red,brn, grn, blk, sdy, plty.
4150-4210	Sh, red, brn, sdy blk.
4210-4230	Sh as above w/ss,brn, f. . stks.
4230-60	Sh, red-brn, sdy, blk.
4260-80	Sh, as above w/ss brn, f.g., stks.
4280-4360	Sh, red-brn, sdy, blk, w/tr sh, grn,blk.
4360-70	Sh as above w/tr Ls, gr, f.xln.
4370-80	Sh, red-brn, grn, sdy, blk.
4380-4400	As above w/ss, lt, r, f.g., stks.
4400-40	Sh red-brn, sdy blk, w/tr, sh, grn blk.
4440-50	Ss, grn, f.g. w/shly, calc.
4450-80	Ss, gr, f. to m.o., w/cem, dirty, glau, ang. S. & P.
4480-4500	As above w/Sh, red-brn, grn, blk.
4500-20	Ss, gr, m.o., ang, w/cem, S.&P.
4520-30	Sh, red-brn, sdy plty.
4530-50	As above w/ss,grn, f.g., stks.
4550-4610	Sh, red-brn, grn, blk.
4610-50	As above w/siltst, grn, sdy.
4656-72	§ # 1 . See Core Description.
4672-90	Ss, wh, m.o., w/cem.
4690-4700	Sh, red-brn, grn, blk.
4700-10	Ss, wh, m.g., fri.
4710-50	Sh, red-brn, grn, blk, w/ss grn, f.g., stks.
4750-90	Ss, lt, r, f.g., w/cem w/sh, red-brn,grn, gr.
4790-4800	Sh, red, grn, bent.
4900-40	Ss, lt grn f.g., w/cem, v. stly, slty, w/Sh as above.

4840-50

Ss, lt, gr, to grnsh gr, f.g.

4850-80

Ss, lt, gr, m.g., w/cem, dirty.

4880-4900

Siltst, red brn, grn, sdy, w/Sh, red-brn, blk.

4900-10

Sh, red-brn, grn, blk, w/Ss, gr, f.g., stks.

4910-60

Ss, gr, f.g., silty, shly, w/Sh as above.

4960-80

Sh, red-brn, grn, bent, w/Ss, gr, f.g., stks.

4980-5020

No Recovery ϕ # 2.

5020-50

Sh, red-brn, grn, bent, w/Ss, gr, f.g., stks.

EL PASO NATURAL GAS COMPANY
WELL HISTORY AND COMPLETION LOG

SALT LAKE DIVISION

303 Tribune Building
Salt Lake City, Utah

Operator: El Paso Natural Gas Company Spud Date: September 19, 1955
Well Name & No: Southman Canyon #2 Completed drlg: October 25, 1955
Unit: Southman Canyon Put to producing: Non-commercial 12-5-55
Lease No: U-01299 Drlg. Contractors: Mesa Drilling Company
Land Office: Salt Lake City, Utah Report approved: D. E. Lockett

WELL LOCATION

Field Wildcat County Uintah State Utah
Meridian S.L.B.&M. Sec. 11 Twp. 10 South Rge. 23 East
150 North Line South Line 1152 East Line West Line
Elevation Gr. 5479.7 Elevation D. F. 5489 Survey By C. O. Walker

PRODUCTION DATA

TD drilled 5050 Plug Back TD Clean out TD 4999
Bridge Plug set in casing at 4675 and at 4803

SURVEYS:

1. From 172 to 5050 Type ES Micro-Calliper Company Schlumberger
2. From 3000 to 4999 Type Gamma, Neutron, Temp. Company McCullough
3. From 172 to 5050 Type Velocity Survey Company Schlumberger
4. From _____ to _____ Type _____ Company _____

PERFORATED COMPLETION: Perforated by McCullough Tool Company _____

1. From 4858 to 4888 No. Ft. 4 jets 3. From _____ to _____ No. Ft. _____
2. From 4679 to 4686 No. Ft. 4 jets 4. From _____ to _____ No. Ft. _____

OPEN HOLE COMPLETION: Size of bore _____ No. feet of open hole _____

TYPE OF SECONDARY COMPLETION METHODS: 1. _____ by _____ Co. _____
2. _____ by _____ Co. _____

INTERVALS TREATED: Natural gauge before treatment 1250 with 240 bbls. salt water MCFPD.

1. From _____ to _____ with _____ gals, _____ # Sand _____ Flush.
2. From _____ to _____ with _____ gals, _____ # Sand _____ Flush.
3. From _____ to _____ with _____ gals, _____ # Sand _____ Flush.
4. From _____ to _____ with _____ gals, _____ # Sand _____ Flush.

SHOOTING OR ACIDIZING:

1. From _____ to _____ quantity or type shot _____ by _____ Co. _____
2. From _____ to _____ quantity or type shot _____ by _____ Co. _____
3. From _____ to _____ quantity or type shot _____ by _____ Co. _____
4. From _____ to _____ quantity or type shot _____ by _____ Co. _____

GAUGE AFTER TREATMENT _____ MCF/D, HOURS TESTED & TYPE TEST _____
SIPC 1745 SIPTC 1690 FPC 240 FPT 0

ABSOLUTE OPEN FLOW TEST 1250 MCFPD with 240 bbls salt water per day.
Producing from perforations 4679-86

TUBULAR RECORD

Size	Weight	Threads	Make	Amount	Set At	Floating Equip.	Sx. and Top of Cement	Cut & Pull	Purpose
9-5/8	25 SW	Welded	Armco	162	172	Baker	125 - surface.		surface
5 1/2	15.5	8 Rd	CFI	5036	5046	Baker	250 - 4250		production
2-3/8	4.7	8 Rd EUE	CFI	4645	4645				tubing

U. S. LAND OFFICE Salt Lake City, U
SERIAL NUMBER U-01299
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

902 Tribune Building
Salt Lake City, Utah

Company El Paso Natural Gas Company Address _____
Lessor or Tract Southman Canyon Unit Field Wildcat State Utah
Well No. 2 Sec. 11 T. 10S R. 23E Meridian S.L.B.&M. County Uintah
Location 150 ft. ^(N) of N. Line and 1152 ft. ^(E) of E. Line of Section 11 Elevation 5489
(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 D. E. Lockett
D. E. Lockett

Date November 9, 1955 Title Senior Petroleum Engineer

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

Commenced drilling September 19, 1955 Finished drilling October 25, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4655 to 4686 (G) 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 4860 to 4883 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	25.0	spiral weld	Armco	161	Baker				surface production
5 1/2	14.5	8 BA	Spang	5035	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	125	plug		
5 1/2	5046	250	plug		

PLUGS AND ADAPTERS

Heaving plug—Material drillable Length 3' Depth set 4675 & 4803
Adapters—Material drillable Size 3'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	125	plug		
5 1/2	5046	250	plug		

PLUGS AND ADAPTERS

Heaving plug—Material drillable Length 3' Depth set 4675 & 4803
 Adapters—Material drillable Size 3'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5050 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES NON-COMMERCIAL

November 5, 1955 Put to producing _____, 19____
 The production for the first 24 hours was 240 barrels of fluid of which _____% was oil; _____% emulsion; 100% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours 1,250,000 Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. 1745 PSIG surface

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	800	800	Uinta
800	4040		Green River
4040	TD		Wasatch (Upper)

[OVER]

Form 10-515
(Rev. 5-22-55)

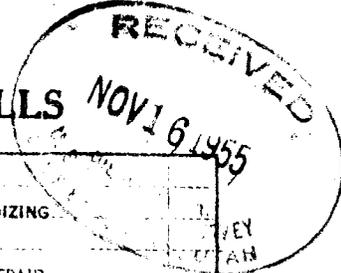


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U-01299
Unit Southern Canyon

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.....	X	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)

November 9, 1955

Well No. 2 is located 150 ft. from N line and 1152 ft. from E line of sec. 11.

NE 1/4 Sec. 11 10 South 23 East S.L.B.&M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5489 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)

October 25, 1955 - TD 5050

It is intended to retest the interval from 4663 to 4690 by setting an open hole bridge plug at 4700, but if a test is unable to be obtained in this manner, then 5 1/2" casing will be run and the zone tested through perforations. The outcome of the well will be based on the results of the test and if the water can be effectively cased off; if not, then the well will be plugged and abandoned in accordance with the regulations of your office.

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

Company El Paso Natural Gas Company
Address 902 Tribune Building
Salt Lake City, Utah

Original Signed
By D. E. LOCKETT
D. E. Lockett
Title Senior Petroleum Engineer

Approved NOV 16 1955
[Signature]
District Engineer

ORIGINAL FORWARDED



(SUBMIT IN TRIPPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
 Lease No. U-01299
 Unit Southern Canyon

Approval expires 12-31-55

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	Subsequent report of DST X

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

November 9, 1955

Well No. 2 is located 150 ft. from N line and 1152 ft. from E line of sec. 11

NE 1/4 Sec. 11
(1/4 Sec. and Sec. No.)

10 South 23 East
(Twp.) (Range)

S.L.B.&M.
(Meridian)

Wildcat
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5489 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)

October 27, 1955 - TD 5050.

Ran and set open hole bridge plug at 4701. Placed calseal plug back to 4769.
 Attempted to run DST #6, 4650-70 when the plug gave away.

October 28, 1955 - TD 5046

Ran 126 fts. of 5 1/2" J-55 15.5# casing (5035) set at 5046 with 250 sks of regular cement. Held 800 PSIG for 12 hrs.

October 29, 1955 - Casing set at 5046. Top plug at 4999. Top of cement at 4250' by temperature survey. Ran Gamma & Neutron logs.

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

Company El Paso Natural Gas Company

Address 902 Tribune Building

Salt Lake City, Utah

Original Signed
 By D. E. LOCKETT
D. E. Lockett
 Title Senior Petroleum Engineer

Approved NOV 16 1955

[Signature]
 District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-5487 B

ORIGINAL FORWARDED TO

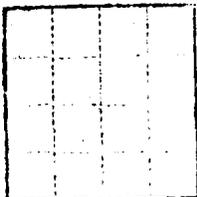
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

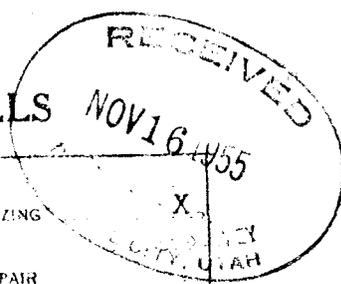
Lease No. U-01299

Unit Southman Canyon

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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	Subsequent report of DST	X

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

November 9

1955

Well No. 2 is located 150 ft. from ~~xxx~~ N line and 1152 ft. from ~~xxx~~ E line of sec. 11

NE 1/4 Sec. 11
(1/4 Sec. and Sec. No.)

10 South 23 East
(Twp. and Rng.)

S.L.B.&M.
(M.S. No.)

Wildcat
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5489 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)

October 31, 1955 - Perforated 4 jets/ft. 4858-4888

DST #7: Packer set at 4846. Tool open 2 hrs, shut-in tool failed.
Recovered 1036' of brackish wtr. IFP-100 psi, FFP-450 psi.

Set Bridge Plug at 4803.

November 1, 1955 - Perforated 4 jets/ft. 4679-86

DST #8: Packer set at 4647. Tool open 1 hr., shut in 1 hr. Rec. 110' of brackish water.
All pressures zero.

Set Bridge Plug at 4675.

Perforated 4663-70 with 4 jets/ft.

Well gauged 1250 MCFPD with est. 5 bbls of slightly salty water per hour.

FCP - 500 psi.

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

Company El Paso Natural Gas Company

Address 902 Tribune Building

Salt Lake City, Utah

Original Signed

D. E. LOCKETT

D. E. Lockett

Title Senior Petroleum Engineer

Approved

NOV 1 1955

D. F. Russell
District Engineer

ORIGINAL FILED IN...

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER
UNIT Southman Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 56.

Agent's address 902 Tribune Building Company El Paso Natural Gas Company
Salt Lake City, Utah Signed D. E. LOCKETT

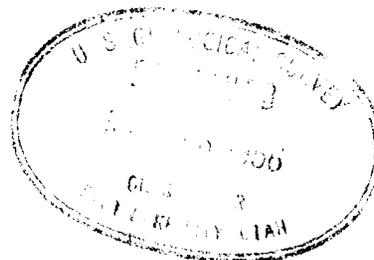
Phone EM-35754 Agent's title Senior Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In Standard)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
---------------------	------	-------	----------	---------------	----------------	---------	------------------------------	-------------------------------	--------------------------------------	--

NE 1/4 NW 1/4 11 10S 23E 2
U-01299

Non-commercial
Temporarily abandoned.
(Henceforth this well
will not be reported)

ORIGINAL FORWARDED TO CASPER



NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah
March 29, 1956

El Paso Natural Gas Company
902 Tribune Bldg
Salt Lake City, Utah

Gentlemen:

It has come to the attention of this office that Well No. Southern Canyon
Unit 2, which was drilled by you on Section 11,
Twp. 10S, Range 23E, Uintah County, has been
completed, plugged and abandoned, or shut down as of about 12/10/55,
1956.

Rule C-5 (a), General Rules and Regulations and Rules of Practice and
Procedure, Utah Oil and Gas Conservation Commission, provides that with-
in 90 days after the suspension of operations, abandonment of, or the
completion of any well drilled for the production of oil or gas and
within 90 days after the completion of any further operations on it,
if such operations involved drilling deeper or drilling or re-drilling
any formation, the well log shall be filed with the Commission, as well
as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please forward the well log or
logs to this office as required by the above mentioned rule. If our
information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT

CBF:rc

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for 1957, 1958, 1959, 1960, 1961, 19.....

Agent's address Box 990 Company El Paso Natural Gas Company

Farmington, New Mexico Signed [Signature]

Phone 325-2841 Agent's title Area Petroleum Engineer

State Lease No. _____ Federal Lease No. U-01299 Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NENE 11	105	23#	#2	SI		240	1250	This well has been shut-in since it was completed on November 5, 1955.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

210

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER Southman Canyon
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Southman Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1963

Agent's address 1008 West Sixth Street Company Shell Oil Company
Los Angeles, California 90054 Signed R. B. Anderson
Phone Huntley 2-3131 Agent's title Section Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Mesa Verde Participating Area "A"										
NE NE 29	10S	24E	4	27	3	67.9	2904			Flowing
Mesa Verde Participating Area "B"										
NN NW 24	10S	23E	7	31	61	56.0	8553			Flowing
Non-Participating										
NE NE 11	10S	23E	2							Shut in
NE SE 15	10S	23E	3							Shut in
NE SW 32	10S	24E	8							Suspended

RECEIVED
BR. OF OIL & GAS OPERATIONS
NOV 27 1963
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

NOTE.—There were 1 runs or sales of oil; 11,225 M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVAL _____
LAND OFFICE Utah
LEASE NUMBER _____
UNIT Southern Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Yintak Field Southern Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1961,

Agent's address 1008 West Sixth Street Company Shell Oil Company
Los Angeles, California 90054 Signed D. J. Collier

Phone Whitely 2-3131 Agent's title for Section Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Mass Verde Participating Area "A"										
NE NE 29	10S	24E	4	30	3	67.9	4,181			Gas
Mass Verde Participating Area "B"										
NE NW 24	10S	23E	7	30	34	56.0	8,943			Gas
Non-Participating										
NE NE 11	10S	23E	2							Shut in
NE SE 15	10S	23E	3							Shut in
NE SW 32	10 ^S	24E	8							Suspended

NOTE.—There were 1 runs or sales of oil; 12,884 M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

270
3

Southman Canyon

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER Southman Canyon
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Southman Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1964,

Agent's address 1008 W. Sixth Street Company Shell Oil Company

Los Angeles, California 90054 Signed [Signature]

Phone HU 2-3131 Agent's title Section Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Mesa Verde Participating Area "A"</u>										
NE NE 29	10S	24E	4	31		67.9	2,852			Gas
<u>Mesa Verde Participating Area "B"</u>										
NE NW 24	10S	23E	7	31		56.0	6,711			Gas
<u>Non-Participating</u>										
NE NE 11	10S	23E	2							Suspended
NE SE 15	10S	23E	3							"
NE SW 32	10S	24E	8							"

NOTE.—There were N11 runs or sales of oil; 9,563 M cu. ft. of gas sold; N11 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Handwritten initials/signature

Handwritten initials/signature

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER Southman Canyon
UNIT Southman Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Southman Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of June 1964

Agent's address 1008 West 6th Street Company Shell Oil Company
Los Angeles, California 90054

Phone HU 2-3131 Signed [Signature] Agent's title Section Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
MESA VERDE PARTICIPATING AREA "A"										
NE NE 29	105	24E	4	30	--	67.9	577	--	--	Gas
MESA VERDE PARTICIPATING AREA "B"										
NW NW 24	105	23E	7	3	13	56.0	3499	--	--	Gas
NON PARTICIPATING										
NE NE 11	105	23E	2							Suspended
NE SE 15	105	23E	3							Suspended
NE SW 32	105	24E	8							Suspended

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.A
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER _____
UNIT Southman Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Southman Canyon
The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1964,
Agent's address 1008 West Sixth Street Company Shell Oil Company
Los Angeles, California 90054 Signed [Signature]
Phone 482-3131 Agent's title Section Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Mesa Verde Participating Area "A"</u>										
NE NE 29	105	24E	4	22	-	67.9	477	-	-	Gas
<u>Mesa Verde Participating Area "B"</u>										
NW NW 24	105	23E	7	31	-	56.0	5249	-	-	Gas
<u>Non-Participating</u>										
NE NE 11	105	23E	2							Suspended
NE S 15	105	23E	3							Suspended
NE SW 32	105	24E	8							Suspended

NOTE.—There were -0- runs or sales of oil; 5514 M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

SA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER
UNIT Southman Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Southman Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 64.

Agent's address 1008 West Sixth Street Company Shell Oil Company
Los Angeles, California 90054

Phone 482-3131 Signed R.B. Anderson Agent's title Section Supervisor

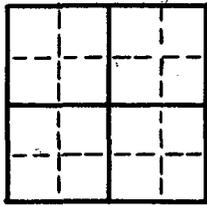
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Mesa Verde Participating Area "A"</u>										
NE NE 29	105	24E	4	30	-	60.0	1700	-	-	Gas
<u>Mesa Verde Participating Area "B"</u>										
NW NW 24	105	23E	7	30	13	56.0	6148	-	-	Gas
<u>Non-Participating</u>										
NE NE 11	105	23E	2							Suspended
NE S 15	105	23E	3							Suspended
NE SW 32	105	24E	8							Suspended

NOTE.—There were 0 runs or sales of oil; 7608 M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH



Fee and Patented.....
State
Lease No.
Public Domain
Lease No.
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.....	X	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	X		

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

October 6, 1966
Southman Canyon Unit
Well No. 2 is located 150 ft. from ^{N}~~W~~ line and 1152 ft. from ^{E}~~W~~ line of Sec. 11
NE/4 Sec. 11 10S 23E SLB. & M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Southman Canyon Unit Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5489 feet.

A drilling and plugging bond has been filed with U.S. Dept. of Interior (U. S. Fidelity & Guaranty Co. Bond #67209-13-1627-53)

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.)

Due to non-commercial production it is intended to plug and abandon this well in the following manner:

- Spot 15 sack plug down tubing to cover perforations 4663 - 4670'. Determine free point of 5 1/2" casing. Shoot off casing at free point if enough casing is free to be economical to recover.
- Spot 30 sack plug on 5 1/2" casing stub.
- Spot 30 sack plug at base of oil shale at 3500' and up.
- Spot 30 sack plug at top of the oil shale at 2100' and up.
- Spot 30 sack plug across the top of the Green River at 800'.
- Spot 35 sack plug 1/2 in and 1/2 out of the bottom of the surface casing at 172'.
- Install 4" x 4' plug and abandonment marker and 5 sack plug in the top of the surface/casing.

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE: 10-20-66 by *Carl E. Matthews* Chief Petroleum Engineer

Company El Paso Natural Gas Company

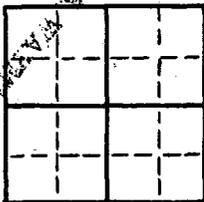
Address Box 990 Farmington, New Mexico

By *Carl E. Matthews* Title Petroleum Engineer

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.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State.....
Lease No.
Public Domain.....
Lease No.
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.....	
Notice of Intention to Abandon Well.....	Subsequent Report of Abandonment.....	X

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

December 2, 1966

Southman Canyon Unit

Well No. 2 is located 150 ft. from ~~XNS~~ {S} line and 1152 ft. from {E} line of Sec. 11

NE/4 Sec. 11

LOS

~~XNS~~ # 23E

SLB & M

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

(Twp.)

(Range)

(Meridian)

Southman Canyon Unit

Uintah

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 5489 feet.

U.S. Dept. of Interior (U.S. Fidelity & Guaranty Co.)

A drilling and plugging bond has been filed with Bond #67209-13-1627-53.

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.)

Due to non-commercial production this well was plugged and abandoned in the following manner:

- Spotted 15 sack cement plug across perms. (4663 - 4670').
- Shot 5 1/2" casing off at 3600', layed down casing.
- Spotted 25 sack cement plug at 3600' back to 3500'.
- Spotted 30 sack cement plug at 2100'.
- Spotted 30 sack cement plug at 800'.
- Spotted 30 sack cement plug at 170'.

Installed 4' x 4" P & A marker w/5 sack cement plug in top of surface casing.
Cleaned up location. Plug and Abandonment completed on 11-14-66

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

Company El Paso Natural Gas Company

Address Box 990

Farmington, New Mexico

By *Carl E. Matthew*

Title Petroleum Engineer

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.