

FILE NOTATIONS

Entered in N.I.D. File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief R 72

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 1-3-62

Location Inspected \_\_\_\_\_

OW  WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 1-8-62

Electric Logs (No. ) 1

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N  Micro \_\_\_\_\_

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

*See*  
*1-4-91*

Note: Chas with Don Russell - USGS about well 7-11  
inert gas @ 3 MCFPD. GOR = 25,000%

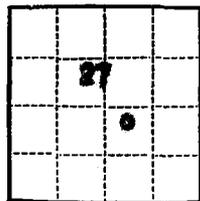
Well shut-in according to memo dated  
2-21-23

Revised 9-17-65

FILE NOTATIONS	
Entered in NID File _____	Checked by Chief _____
Entered On S R Sheet _____	Copy NID to Field Office _____
Location Map Pinned _____	Approval Letter _____
Card Indexed <u>Notes</u> <input checked="" type="checkbox"/> _____	Disapproval Letter _____
IWR for State or Fee Land _____	
COMPLETION DATA:	
Data Well Completed <u>7-8-62</u>	Location Inspected _____
OW <input checked="" type="checkbox"/> WW _____ TA _____	Bond released _____
GW _____ OS _____ PA _____	State of Fee Land _____
LOGS FILED	
Driller's Log _____	
Electric Logs (No. ) <u>2</u>	
E _____ I _____ Et _____ GR _____ GR-N <input checked="" type="checkbox"/> Micro _____	
Lat. _____ Mi-L _____ Sonic <input checked="" type="checkbox"/> Others _____	

copy to HC

(SUBMIT IN TRIPLICATE)



Sec. 27

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. USA SL 167043  
Unit Big Flat

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.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

July 5, 1961

Big Flat Unit  
Well No. 5 is located 1980 ft. from N line and 1980 ft. from W line of sec. 27  
G NW SE Sec. 27      25-S      19-E      S. L. M.  
 (1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Big Flat      Grand      Utah  
 (Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5746 ft.  
~~is~~ elevation will be furnished later.

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)

Proposed Casing Program:

- 60' 2 1/2" Conductor Casing (If necessary - Cemented to surface)
- 300' 16" OD Surface Casing (Cemented to surface)
- 10-3/4" OD Intermediate string through Clastic Zone No. 2 approximately 4200' - Cemented with approximately 200 sax.
- 7-5/8" OD Casing through Clastic Zone No. 11, at approximately 6000', if necessary, Cemented with approximately 200 sax.
- 8500' 5-1/2" OD Casing through Mississippian if pay is encountered - Cemented with approximately 200 sax.

The principle objective is the Mississippian formation.  
Estimated Total Depth - 8500'.

NOTE: Cement on above casing strings may be modified to meet conditions of hole.

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

Company The Pure Oil Company  
 Address P. O. Box 265  
Hoad, Utah  
Alpine 3-3501

By J. B. Strong  
J. B. Strong  
 Title District Chief Clerk

COMPANY THE PURE OIL COMPANY

Well Name & No. BIG FLAT UNIT # 5

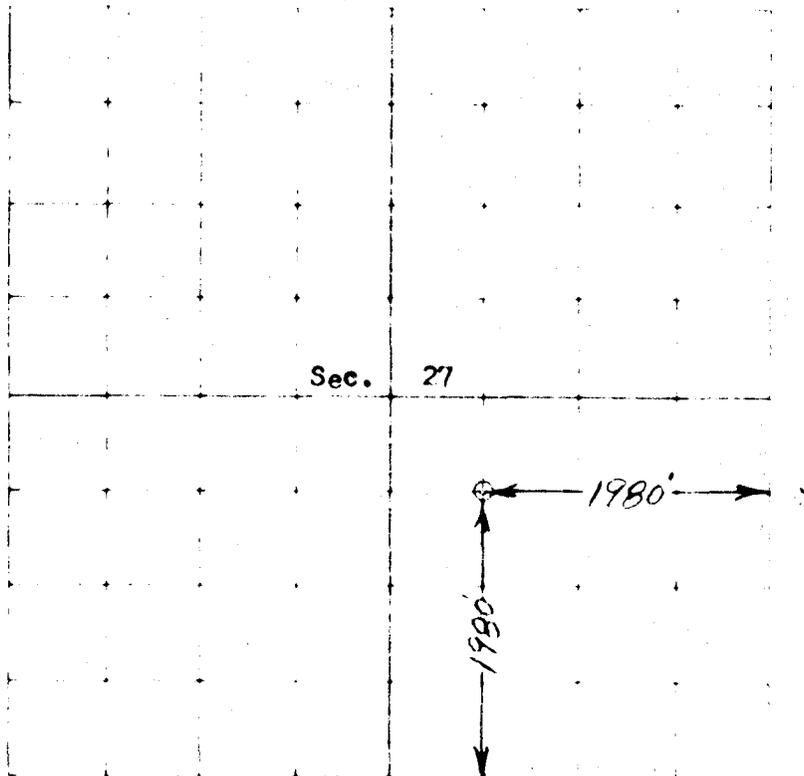
Lease No.

Location 1980' FROM THE SOUTH LINE & 1980' FROM THE EAST LINE

Being in center NW SE

Sec. 27 T. 25S, R. 19 E, S.L.V., Grand County, Utah

Ground Elevation 5745.7' ungraded ground



Scale 4 inches equals 1 mile

Surveyed 22 June

19 61

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief



*James P. Leese*  
Registered Land Surveyor  
James P. Leese  
Utah Reg. No. 1472

POOR COPY

SUNDRY NOTICES AND REPORTS ON WELLS

Big Flat Unit No. 5  
1980' FNL and 1980' FEL  
C NW SE, Sec. 27, 25S, 19E  
Grand County, Utah

Salt Lake City  
USA U-011902  
Supplementary Well History

TD 7632'  
PBD 7340'

Well flowed 7-17-62 and 7-18-62 on test. On 7-18-62 flowed 24 hours on a 12/64" choke. Produced 19 bbls. of oil with a GOR of 56,100 to 1. Gas is inert.

7-19-62: Rigged up R & R Well Service. Halliburton killed well by pumping 80 bbls. of water in hole. Pulled 2-7/8" tubing. Ran Baker Model "N" cast iron bridge plug on McCullough wire line and set at 7,340'.

7-20-62: Perforated Cane Creek Formation by McCullough with 4 Mac jet shots per foot from 7,210' - 7,250', a total of 160 shots. Well started unloading water as soon as it was perforated. Took 2 hours and 10 minutes to unload water and get gas and oil to surface. Shut well in at 5:00 p.m. 7-21-62.

Flowed on test: IP for Records: 8-1-62 Flowed 8 hours on 32/64" choke on intermitter (On 2 hours, off 4 hours). Produced 150 bbls. of oil. TP 250#, CP 450#, GOR of 485 to 1.

Tubing pressured gradually decreased. On 8-10-62 ran rods and pump. Well began pumping at 5:00 p.m. 8-10-62. On August 11, 1962 pumped 24 hours and produced 307 bbls. of oil.

SUNDRY NOTICES AND REPORTS ON WELLS

Big Flat Unit No. 5  
1980' FNL and 1980' FEL  
C NW SE, Sec. 27, 25S, 19E  
Grand County, Utah

Salt Lake City  
USA U-014902  
Supplementary Well History

TD 7632'  
PBD 7597'

7-10-62: Ran 8 jts. of 4" OD 11.60# Flushjoint casing with Baker float shoe and float collar with Burns hander on top. Casing set at 7627' KB. Liner overall length 259.79'. Top of 4" liner at 7372.21' KB. Cemented with 25 sax regular cement with 6/10 of a pound of Halad No. 9 per sack. Ran 20 bbls. of water ahead of cement. Losing circulation during cement job. Reversed out. Recovered 10 barrels of water but no cement. Job complete at 11:30 a.m. 7-10-62. Ran cement temperature survey. No cement. Hole still taking fluid.

7-11-62: Set Halliburton RTTS tool at 7,000'. Broke formation down at 1800#. Pumped 85 sax of cement into formation at 2000# pressure. Staged last 3 barrels in two hours. Pressure increased to 3000#. Squeezed out at 3000#. No drift in pressure in 30 minutes, and no back flow when pressure was released. Squeezed a total of 100 sacks regular cement plus 6/10 of a pound of Halad No. 9 per sack. Job complete at 4:00 p.m. 7-11-62..

7-12-62: Tagged cement at 7405' and drilled out to 7597' PBD. Ran McCullough neutron collar log and collar finder. McCullough perforated with 4 - 25 gram shots per foot from 7573' to 7583'.

7-13-62: Ran tubing and packer. Packer set at 7330'. Bottom of 2-3/8" tubing at 7578.50'. Rig released at 12:00 noon 7-13-62.

7-16-62: Moved in swabbing unit. Swabbed well down in preparation to acidize. Spotted 1000 gallons of 15% low tension non-emulsifying acid on formation. Formation broke at 3000#, broke back to 2600#. Pumped 3 minutes at 2600#. Pressure broke to 1300#. Pumped acid in at two barrels per minute at 1300#. Completed job at 1000#. Shut down when all acid was in formation. Pressure decreased to zero in 5 minutes. Swabbed well in and well began flowing inert gas at an estimated 3 million cubic feet per day. Turned well to tank at 5:00 p.m. 7-16-62. Well flowed 14 hours on 28/64" choke and produced 58.21 bbls. of oil, no water. Tubing pressure 550#, casing pressure 150#, estimated GOR 25,000 to 1.

Big Flat Unit No. 5  
C NW SE  
Sec. 27, 25S, 19E  
Grand County, Utah

Salt Lake City  
USA U-194902

Supplementary Well History

sack. Plug down at 11:00 a.m. 11-29-61. Released pressure and set floats. Pressured up to 500# and let set for 6 hours. Released pressure, set casing on slips. Ran temperature survey.

11-30-61 W.O.C. and nippleing up.

12- 1-61 Drilled cement plug from 7206' to 7238'.

12- 2-61 Ran Gamma-Ray Neutron collar and cement bond logs. Schlumberger perforated with 4 super bullets per foot from 7202' to 7228'. Set 2-7/8" tubing at 7207'.

12- 3-61 Displaced 16# mud in annulus and tubing with fresh water. Well then commenced flowing water without being swabbed. Flowed to pit for 35 minutes until oil commenced showing. Shut well in at 11:30 a.m. to build Xmas tree and make temporary hookup to tank battery. Tubing pressure increased to 2750# and remained constant until well was opened at 4:00 p.m. to pit to clean remaining water out of tubing and annulus. Flowed thru 1" choke for 1 hour. Flowing pressure 200#. Flowed to pit thru 1/2" choke until 12:00 p.m. with a pressure of 500#. Turned to tank at 12:00 p.m. thru a 2 1/4" choke and filled heater treater, estimated to hold 125 bbls. oil.

12- 4 thru 12-30-61. Flowed well on various sized chokes to test.

12-31-61 Treated well with 1000 gallons MCA. Maximum treating pressure 2500#, minimum treating pressure 2000#. Injection rate 1 bbl per minute at start and gradually increased to 2 bbls per minute. Shut well in for 4 hours after treating. Shut in tubing pressure 1825# after 15 minutes and 1875# after 4 hours. Opened well on 15/64" choke for 16 hrs. Produced 646 bbls. of oil, of which 173 bbls. was lead oil, 473 bbls. new oil. Flowing tubing pressure 1500# at start and gradually decreased to 850# at end of 16 hour period.

1- 1-62 I.P. for Record: Flowed 24 hours on 16/64" choke. Produced 453.71 bbls. oil, no water, 282,295 cu. ft. of gas, with a GOR of 622.19 cu. ft./bbl., gravity 43.0 @ 60, flowing tubing pressure 800#, CP 2250#. FINAL

Big Flat Unit No. 5  
C NW SE  
Sec. 27, 25S, 19E,  
Grand County, Utah

Salt Lake City  
USA U-194902

Supplementary Well History

11-21-61 Drilled to 7233' and well began kicking at 7233'. Closed blow out preventer, pressure increased to over 2000#. Opened well to pit on 1" choke at 3:00 p.m. By 6:00 p.m. well had unloaded most of the mud and was making considerable oil, estimated to be approximately 30 bbls per hour. At 6:00 p.m. flowing to pit on 1" choke - pressure 600#. At 7:00 p.m. on 3/4" choke, pressure 600#; 8:00 p.m. on 3/4" choke pressure 1100#. Opened to 1" choke and pressure dropped to 920#. Reduced choke to 3/4" but pressure continued to drop to 700# by 9:00 p.m. and 560# by 10:00 p.m. Shut well in to repair leak in cellar at 10:00 p.m. By 11:00 p.m. shut in pressure increased to 750#. Opened well on 30/64" choke at 12:00 midnight. Flowed well to pit through 30/64" choke until 7:00 a.m., then shut in.

11-22-61 Shut well in from 7:00 a.m. to 10:00 a.m. opened at 10:00 a.m. on 10/64" choke with a flowing pressure of 1325#, increased choke to 18/64", flowing pressure 800#. Flowed on 18/64" choke to pit until 2:00 p.m., flowed approximately 55 bbls per hour. At 2:00 p.m. opened choke to 19/64" and turned to tanks. Pressure dropped to 700# in 2 hrs and held constant until 5:00 p.m. Shut well in for 20 minutes and pressure increased to 900#. Opened on a 14/64" choke, flowing pressure 850# at 6:00 p.m. Flowed at a constant pressure of 850# until 10:30 p.m. and averaged 33 bbls per hour. Shut in at 10:30 p.m. Shut in pressure at 10:40 p.m. 950#. At 11:00 p.m. 1100#. Opened well on 12/64" choke at 11:00 p.m. Flowing pressure at 1:00 a.m. 1000#, held constant until 2:10 a.m. then shut well in. Shut in pressure 1200# at 2:40 a.m. Opened at 3:00 a.m. on 12/64" choke and flowed until 6:30 a.m. with 1050# flowing pressure with an average flow rate of 23 bbls per hour. Produced a total of 643 bbls oil during past 24 hours.

11-23-61 Flowed well from 6:00 a.m. to 11:00 a.m. on 12/64" choke, flowing pressure 1050#. Shut in at 11:00 a.m. to 1:00 p.m. Pressure built up to 1400#. Opened well at 1:00 p.m. on 12/64" choke and by 9:00 p.m. flowing pressure had stabilized at 1050# and remained steady until 6:00 a.m. 11-24-61. Produced 525 bbls oil in 22 hrs on 12/64" choke.

11-24-61 Flowed well on 12/64" choke from 6:00 a.m. to 6:00 p.m. Flowing pressure 1050# from 6:00 a.m. to 10:00 a.m. and 1000# from 10:00 a.m. to 6:00 p.m. Produced a total of 250 bbls oil in 12 hrs. Shut well in at 6:00 p.m. 11-24-61 to 6:00 a.m. 11-25-61 for pressure build up. Pressure gradually increased from 1000# to 1740#.

11-25-61 Opened well at 6:00 a.m. on 12/64" choke and flowed for 17 hrs. Flowing pressure gradually declined to 1100# by the end of 17 hrs.

11-26-61 thru 11-29-61 Mixed mud and killed well. Drilled from 7233' to 7243' TD. Set 7-5/8" OD casing (12 jts. of 29.70# N-80 LTRC, 149 jts. 26.40# N-80 LTRC and 61 jts. 26.80# N-80 with Batross threads) set at 7242' with float shoe and float collar on bottom. Cemented with 350 sack of 50% regular and 50% Pozmix, salt saturated, plus 6% gal and followed with 75 sack of regular cement, salt saturated, with 4# Haled No. 9, 1/4# Flocalc and 1/2# Tapping per

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 62-22855  
Lead Office Salt Lake City  
Lease Number \_\_\_\_\_  
Unit Big Flat

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June 19 62

Agent's address P. O. Box 265 Company The Pure Oil Company  
Moab, Utah Signed J. B. Strong  
Phone Alpine 3-3581 Agent's title Senior District Clerk

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
MISSISSIPPIAN TEST										
C NW SE Sec. 27 Big Flat Unit No. 5	25S	19E	5							found 7-5/8" casing free to 3719'. Milled on 2-7/8" tubing and collapsed casing from 6247' to 626' with 6" Clusterite mill. Cut through casing at 6261' and drilled new hole from 6261' to 7184'. Cored to 7212'. Drilled to 7217'. Cored to 7248' and drilled to 7445'. Set 73 jts. of 5-1/2" OD 20# N-80 Extremeline casing with Halliburton float shoe and float collar and Burns liner hanger at 7441'. Cemented with 475 sax salt saturated cement with 2% calcium chloride plus 1/4# Flocele and 1# Tufplug per sack. Plug down at 3:00 a.m. 7-1-62. Incomplete.

Note—There were See Page 1 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.

Copy H. L. C.

7

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. G-23882  
Land Office Salt Lake City  
Lease Number See Below  
Unit Big Flat

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 62

Agent's address P. O. Box 265 Company The Pure Oil Company  
Moab, Utah Signed J. B. Strong  
Phone Alpine 3-3581 Agent's title Senior District Clerk

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
<b>LEADVILLE PARTICIPATING AREA</b>											
C SW 1/4 SE 1/4 Sec. 14	26S	19E	1	-0-	-0-	-	-0-	-	None	Shut down entire month.	
Big Flat Unit No. 1											
SW 1/4 NE 1/4 Sec. 14	26S	19E	2	-0-	-0-	-	-0-	-	None	Shut down entire month.	
Big Flat Unit No. 2											
NE 1/4 NE 1/4 Sec. 23	26S	19E	3	26	883	44.5	696	-	675	Pumping.	
Big Flat Unit No. 3											
<b>PARADOX PARTICIPATING AREA</b>											
C NW SE Sec. 27	25S	19E	5	2	650	43.5	402	-	None	Casing collapsed. Shut in 4-27-62 to deepen well to Mississippian. Flowed 2 days when re-work operations were commenced.	
Big Flat Unit No. 5											
<b>MISSISSIPPIAN TEST</b>											
C NW SE Sec. 27	25S	19E	5	-0-	Moved drilling rig on well 6-2-62. Well built up pressure and flowed two days. Pulled tubing.						Ran free point and
Big Flat Unit No. 5 (Continued on next page)											

Note—There were 1,667.01 bbls. runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

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July 6, 1961

The Pure Oil Company  
P. O. Box 265  
Moab, Utah

Attn: J. B. Strong, Dist. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Big Flat Unit #3, which is to be located 1980 feet from the south line and 1980 feet from the east line of Section 27, Township 23 South, Range 19 East, S1EM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

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

Under Rule A-3, the approval of this Commission is not necessary when an unexecuted copy of the unit agreement is on file with this office. In such a case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:avg

cc: Don F. Russell, Dist. Eng.  
U. S. Geological Survey

H. L. Counts - OGCC, Moab

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>MISSISSIPPIAN TEST</u>										
C NW SE Sec. 27	25S	19E	5							
Big Flat Unit No. 5 - Continued										
<p>7493' to 7534'. Drilled to 7600'. DST No. 3 - 7556' to 7600'. Drilled to 7630'. DST No. 4 - 7602' to 7630'. Drilled to 7632' TD. Drilling completed 7-8-62. Ran electric logs to TD. Set 8 jts. of 4" OD 11.60# Flush-joint casing with Burns hanger on top at 7627' KB. Cemented with 25 sax regular cement with 6/10 of a pound of Halad No. 9 per sack. Job complete at 11:30 a.m. 7-10-62. Ran cement temperature log. Set RTTS tool at 7000' and squeezed 100 sax regular cement through bottom of liner at 3000# pressure. Job complete at 4:00 p.m. 7-11-62. Drilled cement from 7405' to 7597'. McCullough perforated from 7573' to 7583' with 4 - 25 gram shots per foot. Ran tubing. Set packer at 7330'. Acidized Mississippian formation with 1000 gals. 15% low tension non-emulsifying acid. Formation broke at 3000#. Swabbed well in and well began flowing inert gas at an estimated rate of three million cubic feet per day. Flowed well to tank on test three days and produced 9 1/4 bbls. of oil with an estimated GOR of 56,100 to 1. Killed well and pulled tubing. Set Baker Model "N" cast iron bridge plug at 7340'. McCullough perforated with 4 Mac jet shots per foot from 7210' to 7250'. Well began unloading water as soon as it was perforated. Flowed on test from 7-21 to 8-1-62. IP for record 8-1-62. Flowed 8 hours on 32/64" choke on intermitter. Produced 150 bbls. of oil with a GOR of 485 to 1, TP 250#. Henceforth, this well will be carried under Paradox Participating Area. <u>FINAL</u></p>										

Note—There were See Page 1 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.

Form approved  
 Budget Bureau No. 43-2332A  
 Lead Office Salt Lake City  
 Lessee Number See Below  
 Unit Big Flat

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY  
Moab, Utah Signed [Signature]  
 Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>LEADVILLE PARTICIPATING AREA</b>										
C SW 1/4 SE 1/4 Sec. 14	26S	19E	1	-0-	-0-	-	-0-	-	None	Shut down entire month.
Big Flat Unit No. 1										
SW 1/4 NE 1/4 Sec. 14	26S	19E	2	-0-	-0-	-	-0-	-	None	Shut down entire month.
Big Flat Unit No. 2										
NE 1/4 NE 1/4 Sec. 23	26S	19E	3	29	970	43.2	764	-	764	Pumping.
Big Flat Unit No. 3										
<b>PARADOX PARTICIPATING AREA</b>										
C NW SE Sec. 27	25S	19E	5	10	2,227	44.5	1,080	-	None	Recompleted in Paradox 7-21-62. See explanation under Mississippian test.
Big Flat Unit No. 5										
<b>MISSISSIPPIAN TEST</b>										
C NW SE Sec. 27	25S	19E	5	3	94	43.4	5,273	-	None	Drilled from 7445' to 7484'. DST No. 1 - 7441' to 7484'. Drilled to 7534'. DST No. 2 -
Big Flat Unit No. 5										

Note—There were 2,444.02 bbls runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

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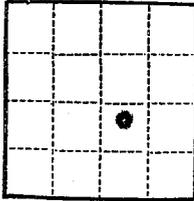
copy

Copy to HQ

RPS

Form 9-881a  
(Feb. 1961)

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



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. USA U-014902  
Unit Big Flat

Sec. 27

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.....		

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

October 4, 1961

Big Flat Unit

Well No. 5 is located 1980 ft. from {N} line and 1980 ft. from {E} line of sec. 27

C NW SE Sec. 27  
(1/4 Sec. and Sec. No.)

25S  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat  
(Field)

Grand  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~ground floor~~ ground (Ungraded) above sea level is 5746 ft. **Laughlin-Simmons elevations will be furnished later.**

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)

Spudded at 10:30 a.m. 9-30-61.

Twisted off while drilling at 13h'. Ran overshot and recovered fish. Now drilling at 416'.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

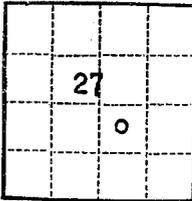
By

J. B. Strong  
J. B. Strong  
District Chief Clerk

Title

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake  
Lease No. USA U-014902  
Unit Big Flat



Sec. 27

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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

October 9, 1961

Big Flat Unit

Well No. 5 is located 1980 ft. from [X] S line and 1980 ft. from [E] W line of sec. 27

C NW SE Sec. 27      25S      19E      S.L.P.M.  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Big Flat      Grand      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~driller's~~ <sup>ground</sup> above sea level is 5746 ft. Laughlin-Simmons elevations will be furnished when received.

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)

Drilled to 495'. Reamed hole to 20" to 493'.

10-7 & 8-61: Set 16 jts. of 16" OD 65# H-40 casing, with Halliburton guide shoe and float, at 479' KB measurement. Cemented with 485 sax regular cement with 2% calcium chloride. Circulated cement with good cement returns. Job complete at 8:00 a.m. 10-8-61. Now W.O.C.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

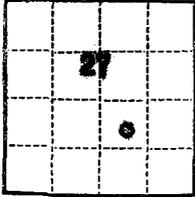
Alpine 3-3581

By J. B. Strong

Title District Chief Clerk

Copy to HC

RLL



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. USA U-011,902  
Unit Big Flat

Sec. 27

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..... <b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....	

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

November 8, 1961

Big Flat Unit

Well No. 5 is located 1980 ft. from S line and 1980 ft. from E line of sec. 27

C 1W SE Sec. 27  
(1/4 Sec. and Sec. No.)

258  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~mineral~~ <sup>ground</sup> above sea level is 5757 ft. KB elevation 5767

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)

Drilled to 4610' with air, water and soap.

11-7 & 8-61: Set 141 jts. of 10-3/4" OD 45.50# J-55 casing at 4610' with 450 sack 50-50 Pozmix with 6% gel, followed with 185 sack salt saturated regular cement with 3% calcium chloride. Plug down at 6:30 a.m. 11-8-61.

Sample Top of Salt 4240' (+1527)

Sample Top of Clastic Zone No. 1 4340'.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By

*J. E. Strong*  
J. E. Strong

Title

District Chief Clerk

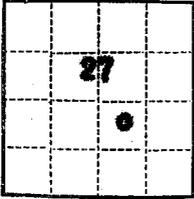
*Ang*

*Copy to K*

*RFS*

Form 9-381a  
(Feb. 1961)

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



Sec. 27

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. USA U-014902  
Unit Big Flat

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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

November 20, 1961

**Big Flat Unit**

Well No. 5 is located 1980 ft. from N line and 1980 ft. from E line of sec. 27

C NW SE, Sec. 27  
(1/4 Sec. and Sec. No.)

25E  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~drilling point~~ <sup>ground</sup> above sea level is 5757 ft. ~~is~~ <sup>is</sup> elevation 5767'.

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)

11-18-61

DST No. 1, 6508-6675. Tool open one hour. Opened with weak blow for 15 minutes and died. Recovered 360' of drilling fluid. Pressures: IH 3400, 30 minute ICI 585, IP 205, FF 355, 30 minute PCI 340, PH 3400. Bottom Hole Temperature 150°.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
Title District Chief Clerk

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City  
LEASE NUMBER SLC 067043  
UNIT Big Flat

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

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

Agent's address P. O. Box 265 Company The Pure Oil Company  
Moab, Utah Signed J. B. Strong

Phone Alpine 3-3581 Agent's title District Chief Clerk

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)
C SW 1/4 SE 1/4 Sec. 14	26S	19E	1	-0-	-0-	-	-0-	-	None	Shut down entire month.
SW 1/4 NE 1/4 Sec. 14	26S	19E	2	-0-	-0-	-	-0-	-	None	Shut down entire month.
NE 1/4 NE 1/4 Sec. 23	26S	19E	3	31	1,291	44.3	1,026	-	1,045	Pumping.
LEASE NO. <u>U-011902</u>										
C NW SE Sec. 27	25S	19E	5	-0-						Drilled 83' to 495'. Set 16 jts. of 16" OD 65# H-40 casing with HOWCO guide shoe and float at 479' KB measurement with 485 sax cement with 2% calcium chloride. Plug down 10-8-61. Drilled to 4128' with air, water and soap. Incomplete

NOTE.—There were See Form 9-361 runs or sales of oil; No 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City  
LEASE NUMBER See below  
UNIT Big Flat

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 61,

Agent's address P. O. Box 265 Company The ORIGINAL SIGNED  
Moab, Utah Signed J. B. STRONG

Phone Alpines 3-3581 Agent's title District Chief Clerk

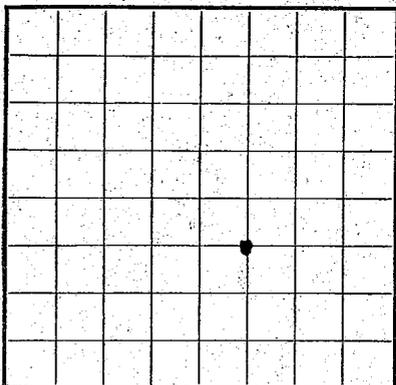
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>LEASE NO. SLC 067043</b>										
C SW 1/4 SE 1/4 Sec. 11	26S	19E	1	-0-	-0-	-	-0-	-	None	Shut down entire month.
SW 1/4 NE 1/4 Sec. 11	26S	19E	2	-0-	-0-	-	-0-	-	None	Shut down entire month.
NE 1/4 NE 1/4 Sec. 23	26S	19E	3	22	1,045	44.4	831	-	799	Pumping. Down 6 days pulling rods and 2 days while picking up oil from Big Flat Unit No. 5
<b>LEASE NO. U-014902</b>										
C NW 1/4 SE Sec. 27	25S	19E	5	3	1,418	43.2	693	-	None	with 6% gel, followed with 185 sax salt saturated cement with 3% calcium chloride. Drilled from 6128' to 610'. Set 1 1/2 fts. of 10-3/4" OD casing at 610' with 450 sax 50-50 Pozmix and 50% Pozmix, salt saturated, plus 6% gel, followed with 75 wax of regular cement, salt saturated, with 1/2# Halad No. 9, 1/4# Flocel and 1# Tufplug per sack. Plug down at 11:00 A.M. 11-29-61. Now W.O.C.

NOTE.—There were 1467.77 bbls. runs or sales of oil; No. 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.

U. S. LAND OFFICE **Salt Lake City**  
 SERIAL NUMBER **USA U-014902**  
 LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The Pure Oil Company** Address **P.O. Box 265 - Moab, Utah**  
 Lessor or Tract **U. S. Government** Field **Big Flat** State **Utah**  
**Big Flat Unit**  
 Well No. **5** Sec. **27** T. **25S** R. **19E** Meridian **S.L.P.M.** County **Grand**  
 Location **1980** ft. **BN** of **1/2** Line and **1980** ft. **W.** of **2** Line of **C NW SE, Sec. 27** Elevation **5767'**  
(Derrick floor relative to sea level) **Gr. 5757'**

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed *J. Blstrom* Title **District Chief Clerk**

Date **January 4, 1962**

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

Commenced drilling **September 30,** 19 **61** Finished drilling **November 28,** 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7202'** to **7228'** 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		Purpose
							From—	To—	
16"	65#	8-R	NSS	479'	Float				Cemented to surface.
10-3/4"	15.50#	8-R	NSS	4610'	Float				
7-5/8"	29.70 & 26.40#	8-R & Buttress	NSS	7242'	Float		7202'	7228'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	479'	485 sz	Halliburton		
10-3/4"	4610'	635 sz	Halliburton		
7-5/8"	7242'	425 sz	Halliburton		

PLUGS AND ADAPTERS

*any*

12/10

LD MARK

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 zero feet to 7243 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

I.P. for Record: January 1, 1962 Put to producing December 3, 1961

The production for the first 24 hours was 450 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 13.0

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Driller \_\_\_\_\_, Driller

Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	134'	134'	Sand.
134'	160'	26'	Sand and rock.
160'	293'	133'	Sand, rock and shale.
293'	416'	123'	Sand and shale.
416'	495'	79'	Sandrock and shale.
495'	630'	135'	Sand and shale.
630'	1180'	550'	Sandstone.
1180'	1695'	515'	Sand and shale.
1695'	2190'	495'	Shale.
2190'	2430'	240'	Lime and shale.
2430'	3233'	803'	Sand and shale.
3233'	3481'	248'	Shale.
3481'	3590'	109'	Sand and shale.
3590'	3930'	340'	Sand.
3930'	4026'	96'	Sand and shale.
4026'	4035'	9'	Sand and lime.
4035'	4054'	19'	Shale.
4054'	4193'	139'	Lime.
4193'	4338'	145'	Salt and shale.
4338'	4465'	127'	Salt, shale and anhydrite.
4465'	4612'	147'	Anhydrite.
4612'	5575'	963'	Salt and shale.
5575'	5726'	151'	Salt.
5726'	6494'	768'	Salt and shale.
6494'	6514'	20'	Salt.

JAN 8 1962

## FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
6514'	7135'	621'	Salt and shale.
7135'	7233'	98'	Salt and anhydrite sand.
7233'	7243'	10'	Paradox.
		7243'	<b>TOTAL DEPTH</b>

Halliburton DST No. 1, 6508'-6675'. Tool open one hour. Opened with weak blow for 15 minutes and died. Recovered 360' of drilling fluid. Pressures: IH 3400, 30 minute ICI 585, IF 205, FF 355, 30 minute FCI 340, FH 3400. Bottom Hole Temperature 150°.

Schlumberger perforated 7-5/8" OD casing 7202'-7228' with 4 Super Bullets per foot, a total of 52 shots.

Treated well through perforations 7202'-7228' with 1000 gallons MCA. Maximum treating pressure 2500 lbs, minimum treating pressure 2000 lbs. Injection rate one bbl per minute at start and gradually increased to 2 bbls per minute. Shut well in 4 hours after treating. Shut in tubing pressure 1825 lbs after 15 minutes and 1875 lbs after 4 hours. Opened well on 15/64" choke for 16 hours. Produced 646 bbls oil, of which 173 bbls was load oil, 473 bbls net oil. Flowing tubing pressure 1500 lbs at start and gradually decreased to 850 lbs at end of 16 hours.

### IMPORTANT MARKERS

	Spud in.	
Kayenta	220'	(45547')
Wingate	540'	(45227')
Chinle	920'	(44847')
Moenkopi	1125'	(44342')
Cutler	2200'	(43567')
Rico	2660'	(43107')
Hermosa	4215'	(41552')
Paradox Salt	7243'	(-1476')
Total Depth		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE Salt Lake City  
LEASE NUMBER See Below  
UNIT Big Flat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 61,

Agent's address P. O. Box 265 Company The Pure Oil Company

Moab, Utah

Signed J. B. Strong

Phone Alpina 3-3581

Agent's title District Chief/Clark

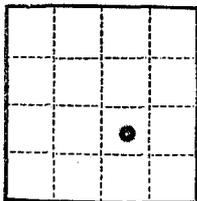
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>LEASE NO. SLC 067043</b>										
C SW 1/4 Sec. 1h	26S	19E	1	-0-	-0-	-	-0-	-	None	Shut down entire month.
SW 1/4 NE 1/4 Sec. 1h	26S	19E	2	-0-	-0-	-	-0-	-	None	Shut down entire month.
NE 1/4 NE 1/4 Sec. 23	26S	19E	3	19	873	44.2	694	-	632	Pumping. Down 12 days cleaning flow lines.
<b>LEASE NO. U-011902</b>										
C NW SE Sec. 27	25S	19E	5	25	4,784	43.2	2,976	-	None	Drilled plug from 7206' to 7238'. Ran Gamma Ray Neutron Collar and Cement Bond Logs. Schlumberger perforated with 4 Super bullets per foot from 7202' to 7228'. Displaced 16 1/2 mud in annulus and tubing with fresh water. Well began flowing without being swabbed. Cleaned water to pit. Turned to stock tank at 12:00 noon 12-3-61 on a 2 1/2" choke. Rig released 8:00 a.m. 12-4-61. Tested well on various sized chokes until 12-9-61 when well was shut in for BHP test. Pulled bomb at 8:30 a.m. 12-13-61. Bottom hole pressure calculated at 5203 psi after 90 hours and still building. Set Model "R" packer which had been hanging in tubing string at 7172', but not set. Treated well on 12-31-61 with 1600 gals. NCA. Maximum treating pressure 2500#, minimum 2000#. Left well shut in 4 hours and opened to stock. I.P. for Record: 1-1-62. Flowed 2 1/2 hrs on 16/64" positive choke. Produced 453.71 bbls. oil, no water, gravity 43.0 at 60, 282,295 cu. ft of gas with a GOR of 622.19 cu. ft/bbl. Flowing tubing pressure 800#, casing pressure 2250#.

NOTE.—There were 4472.28 bbls. runs or sales of oil; No 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.

Copy to H  
RPL



Sec. 27

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. USA U-014902  
Unit Big Flat

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.....		

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

January 3, 1962

Big Flat Unit

Well No. 5 is located 1980 ft. from N line and 1980 ft. from E line of sec. 27

C NW Sec. 27  
(¼ Sec. and Sec. No.)

25S  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat  
(Field)

Grand  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~center~~ ground above sea level is 5757 ft. KB elevation 5767'.

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)

SEE SUPPLEMENTAL SHEETS ATTACHED

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
J. B. Strong  
Title District Chief Clerk

February 2, 1962

Pure Oil Company  
P. O. Box 265  
Moab, Utah

Attn: J. B. Strong, District Chief Clerk

Re: Well No. Big Flat Unit #5,  
Sec. 27, T. 25 S., R. 19 E.,  
Grand County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not as yet been filed with this office as required by our rules and regulations.

Your prompt attention to the above request will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINES,  
RECORDS CLERK

AWG:kpb



# **THE PURE OIL COMPANY**

NORTHERN PRODUCING DIVISION • Four Corners District

P. O. BOX 265 • MOAB, UTAH • ALPINE 3-3581

February 9, 1962

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

Attn: Ann W. Glines

Dear Miss Glines:

In reference to your letter of February 2, 1962, enclosed please find the Gamma Ray-Neutron Log for Big Flat Unit Well No. 5, located in Section 27, T. 25S, R. 19E, Grand County, Utah.

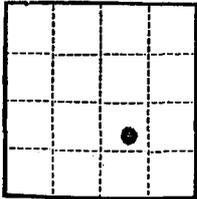
Yours very truly,

THE PURE OIL COMPANY

J.B. Strong  
District Chief Clerk

Copy to HC

RCL



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. USA U-011902  
Unit Big Flat

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.....	<input checked="" type="checkbox"/>	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)

June 4, 1962

Big Flat Unit

Well No. 5 is located 1980 ft. from EX line and 1980 ft. from EW line of sec. 27

SW 27 25S 19E S. 1. P. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Big Flat Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> above sea level is 5757 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)

SEE SUPPLEMENTAL SHEETS ATTACHED

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpino 3-3581

By W. W. Weir

Title W. W. WEIR  
Dist. Supt.

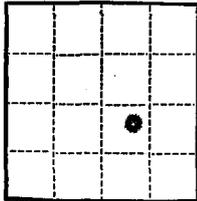
BIG FLAT UNIT NO. 5  
1980' FNL & 1980' FEL  
Sec. 27, 25S, 19E  
Grand County, Utah

Notice of Intention to Re-Drill or Repair Well  
June 4, 1962

The Big Flat Unit No. 5 well died on April 27, 1962. An attempt to pull the tubing from the well failed because the tubing was stuck at 6,267' according to free point indicator. The tubing was cut in two at 6,250' and pulled from the well. Five and one half inch washover shoe was run but lacked two feet of going to the top of the fish. The shoe was rotated a short time and then pulled from the well. It was pinched to 4-1/8" indicating that the casing had collapsed.

We plan to rework the well using a complete drilling rig capable of drilling to 8,500'. Our plans are to:

1. Take a strain on the 7-5/8" casing and determine free point.
2. If free point is below 5,000' cut and pull all free casing. If free point is above 5,000' a section may have to be cut out of it from approximately 6,200' to 6,250'.
3. Set cement plug and drill side tracked hole to top of Cane Creek.
4. Core Cane Creek and drill stem test if it is indicated test should be made.
5. Drill to Mississippian and core and test first porosity.
6. If commercial production is encountered in the Mississippian, run a full string of 7-5/8" OD casing and cement from bottom back to intermediate casing shoe and complete. If commercial production is not encountered in the Mississippian, recomplete in the Cane Creek zone.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Office **Salt Lake City**

Lease No. **USA U-011902**

Unit **Big Flat**

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	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL		

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

July 5, 1962

**Big Flat Unit**  
Well No. **5** is located **1980** ft. from **{N}** line and **1980** ft. from **{E}** line of sec. **27**

**C NW SE, Sec. 27**      **25S**      **19E**      **S.L.P.M.**  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

**Big Flat**      **Grand**      **Utah**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~water level~~ **ground** above sea level is **5757** 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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company **The Pure Oil Company**

Address **P. O. Box 265**

**Moab, Utah**

**Alpine 3-3581**

By **J. B. Strong**  
**J. B. Strong**  
Title **Senior District Clerk**

NOTICES AND REPORTS ON WELLS

Big Flat Unit No. 5  
1980' FNL and 1980' FEL  
Sec. 27, 25S, 19E,  
Grand County, Utah

July 5, 1962

Rework operations commenced 6-2-62. Pulled 2-7/8" tubing. Ran McCullough free point. Found 7-5/8" casing free to 3719'. Milled through casing at 6261'. Drilled new hole from 6261' to 7184'. Cored from 7184' to 7212'. Drilled to 7217'. Cored to 7248'. Drilled to 7445'.

6-30-62 Set 73 jts. 5-1/2" OD 20# N-80 Extreme Line casing with Halliburton float shoe and float collar and Burns liner hanger at 7441'. Cemented with 475 sax salt saturated cement with 2% calcium chloride, plus 1/4# Flocele and 1# Tufplug per sack. Plug down at 3:00 p.m. 7-1-62. Reversed out approximately 10 bbls. of cement. Job complete at 3:30 p.m. 7-1-62.

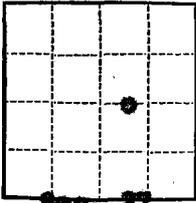
Drilled to 7534'.

7-3-62 DST No. 1 - 7,441' - 7,484' - 43'. Tool open one hour. Inert gas to surface in 1-1/2 minutes. Inert gas flowing an estimated 1-3/4 million cubic feet per day. Recovered approximately 10 gallons black sulphur water. Pressures: IH and FH 3260#; 10 minute ICI 2660#; IF 755; FF 945#; 30 minute FCI 2660#.

Drilled to 7567'

7-4-62 DST No. 2 - 7,493' - 7,534' - 41'. Tool open 30 minutes. Inert gas to surface in one minute with light mist. Inert gas estimated at 4 million cubic feet per day. Recovered approximately 10 gallons black sulphur water. Pressures: IH and FH 3275#; 4 minute ICI 2690#; IF 1820#; FF 2130#; 30 minute FCI 2690#.

W



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City**  
Lease No. **USA U-014902**  
Unit **Big Flat**

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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

July 9, 19 62

Big Flat Unit

Well No. **5** is located **1980** ft. from **[N]** line and **1980** ft. from **[E]** line of sec. **27**

**C NW SE Sec. 27** **25S** **19E** **S.L.P.M.**

**Big Flat** **Grand** **Utah**

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ **ground** above sea level is **5757** ft. **KB elevation 5767'.**

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company **The Pure Oil Company**  
Address **P. O. Box 265**  
**Moab, Utah**  
**Alpine 3-3581**

By **J. B. Strong**  
**J. B. Strong**  
Title **Senior District Clerk**

Big Flat Unit No. 5  
1980' FWL and 1980' FEL  
Sec. 27, 25S, 19E  
Grand County, Utah

July 9, 1962  
Sundry Notices and Reports on Wells  
Supplementary Well History

Drilled to 7600'.

7-5-62 DST NO. 3 - 7556' - 7600' - Miss. Tool open one hour. Gas that burns to surface in three minutes. Gas estimated at 100 MCF. Recovered 668' of free oil, no water. Pressures: IH and FH 3350#; 30 minute ICI 2720#; IF 230#; FF 280#; 30 minute FCI 2695#.

Drilled to 7630'

7-7-62 DST NO. 4 - 7602' - 7630' - 28' - Miss. Tool open one hour with fair to strong blow throughout test. Recovered 3240' slightly salty black sulphur water. Pressures: IH and FH 3400#; 30 minute ICI 2715#; 15 minute FCI 2485#; IF 370#; FF 1090#.

Drilled to 7632' TD. Drilling completed 7-8-62. Ran electric logs to TD. Conditioned hole to run liner. Now waiting on liner hanger.

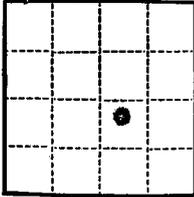
LOG TOP:

Top of Mississippian 7390' (-1623)

Copy H.L.C

Form 9-331a  
(Feb. 1951)

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



Sec. 27

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-014902

Unit Big Flat

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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

July 16, 1962

Big Flat Unit

Well No. 5 is located 1980 ft. from N line and 1980 ft. from E line of sec. 27

G. W. SE Sec. 27  
(¼ Sec. and Sec. No.)

25S  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat  
(Field)

Grand  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ground above sea level is 5757 ft. KB elevation 5767'.

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company The Pure Oil Company

Address P. O. Box 265

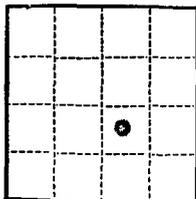
Moab, Utah

Alpine 3-3581

By J. B. Strong

Title Senior District Clerk

*Copy H.L.C*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-011902

Unit Big Flat

Sec. 27

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.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

August 15, 1962

Big Flat Unit

Well No. 5 is located 1980 ft. from N line and 1980 ft. from E line of sec. 27

C NW SE Sec. 27  
( $\frac{1}{4}$  Sec. and Sec. No.)

25S  
(Twp.)

19E  
(Range)

S.L.P.M.  
(Meridian)

Big Flat

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~ground~~ ground above sea level is 5757 ft. KB elevation 5767'

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company THE PURE OIL COMPANY

Address P. O. Box 1338

Moab, Utah

253-3581

By

*J. B. Strong*  
J. B. Strong

Title

Senior District Clerk

February 25, 1963

Pure Oil Company  
P. O. Box 1336  
Moab, Utah

Attention: Production Superintendent

Re: Well No. Big Flat Unit #2  
Sec. 14, T. 26 S, R. 19 E.,  
Grand County, Utah

Well No. Big Flat Unit #5  
Sec. 27, T. 25 S, R. 19 E.,  
Grand County, Utah

Gentlemen:

Recently I visited the above well locations. These wells are in need of proper identification signs. Would you therefore, erect such signs as described in Rule C-7, General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission.

Your attention to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

HARVEY L. COOMBS  
PETROLEUM ENGINEER

HLC:emp

cc: Don Russell, Dist. Eng.,  
U. S. Geological Survey,  
Salt Lake City, Utah

June 19, 1964

MEMO FOR FILING:

Re: Pure Oil Company  
Big Flat #5  
Sec. 27, T. 25 S., R. 19 E.,  
Grand County, Utah

On April 5, 1964 I wrote to Pure Oil Company about the above-mentioned well concerning the possible underground contamination that may be taking place due to possible collapsed casing.

On June 19 I went over the well records on the above well with Mr. Chuck Teakle of Pure Oil Company. We noted that the mechanical situation in the well is possibly not as serious as first assumed. I was told by Mr. Teakle that they were planning to either rework the well or plug it. They have not completed their study on it yet.

HARVEY L. COONTS  
PETROLEUM ENGINEER

HLC:bc

cc: U. S. Geological Survey  
Attn: Rodney Smith, District Engineer  
8416 Federal Building  
Salt Lake City, Utah

John Gibbs - Pure Oil Co.  
Pug Flat #5

Faulty Welder → Got new welder

cut dry hole and welded plate over

$7\frac{5}{8}$  -  $10\frac{3}{4}$ . ~~Center~~ casing head

Will Check

→ Go in pipe connection and  
get welder to disconnect pipe  
and weld steel plate over opening.

Also, will knock out upper 3 ft  
of cement cello wall and fill with  
dirt — M B

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Temporarily abandoned</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U.S.A. U-014902</b>
2. NAME OF OPERATOR <b>The Pure Oil Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming</b>		7. UNIT AGREEMENT NAME <b>Big Flat Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' FNL and 1980' FEL, C NW SE</b>		8. FARM OR LEASE NAME <b>Big Flat Unit</b>
14. PERMIT NO.		9. WELL NO. <b>5</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>OL 5,757' KB 5,767'</b>		10. FIELD AND POOL, OR WILDCAT <b>Big Flat - Paradox</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 27, T-25S, R-19E</b>
		12. COUNTY OR PARISH <b>Grand</b> 13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well originally drilled to a total depth of 7,243' and plugged back to 7,238' and completed in the Cane Creek formation in January 1962, with an I.P. of 454 bbls. of oil per day. In June 1962, casing was found to be collapsed. Hole was sidetracked from 6,261' to 7,632' TD. The Mississippian formation was tested and found to be non-productive. Hole was plugged back to 7,340' and again completed in the Cane Creek. Well produced until January 1963 when pumping operations were shut down to check on mechanical problems. An impression block was run to top of the pump at 3,680'; unable to get below 3,630' with overshot. Well has not produced since January 1963.

Propose to plug and abandon the well as follows:

Cut 2-7/8" tubing off at approximately 3,575'. Set Model K retainer at 3,550' and squeeze with approximately 75 sax. Perforate 7-5/8" casing at 3,525', set retainer at 3,350' and circulate cement to surface between 7-5/8" and 10-3/4" with a minimum of 820 sax of cement. Will leave 7-5/8" casing full of cement to within 150' of surface. Will install surface plug and dry hole marker in accordance with U.S.G.S. regulations.

*Verbal approval given to Mr. Tom Geller on July 7, 1965 - PWB - see memo on trip*

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY J. I. MORRIS TITLE District Superintendent DATE July 8, 1965

SIGNED J. I. Morris

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



SEND ALL REMITTANCE TO  
P. O. DRAWER 143  
DUNCAN, OKLAHOMA

**CEMENTING SERVICE**  
INVOICE & TICKET  
No. CS-122410  
In Remitting or Corresponding  
Please Refer to Above Invoice Number

DATE <b>July 18-65</b>	CUSTOMER'S ORDER NO.	CUSTOMER'S REQ. NO.	SEC.	TWP.	RNG.	TRUCK CALLED OUT	ON LOCATION DATE 7-19 A.M. 200 P.M.	JOB STARTED DATE 7-19 A.M. 900 P.M.	JOB COMPLETED DATE 7-19 A.M. 1000 P.M.
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WELL NO. AND FARM <b>#5 Big Flat</b>	PLACE OR DESTINATION <b>Big Flat Utah</b>	COUNTY <b>Grand</b>	STATE <b>Utah</b>
TYPE OF WELL 1 <input type="checkbox"/> Workover 2 <input type="checkbox"/> Exploratory 3 <input type="checkbox"/> Development 4 <input type="checkbox"/> Other	OWNER <b>PURE OIL Co</b>	CONTRACTOR <b>BARKER WELL SER</b>	

Duncan Use Only	PURE OIL COMPANY ATTENTION-MR. R. H. GRIFFIN P. O. BOX 1338 MOAB, UTAH 708139	Cus. Inv. Req. Orig. & <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> Other	CHARGE TO <b>PURE OIL Co</b>
			CITY AND STATE <b>Box 1338</b>
			MAILING ADDRESS <b>Moab Utah</b>

Owner, Operator or His Agent States the Well is in Condition for the Service Job to Be Performed and Submits the Following Data:

TYPE OF JOB (✓) One	CASING	HOLE DATA	TUBING OR DRILL PIPE	CEMENTING PACKER	MAKE FLOAT EQUIPMENT
SURFACE	NEW	BORE SIZE	SIZE <b>2 7/8</b>	SIZE <b>7 5/8</b>	FLOAT COLLAR
INTERMEDIATE	USED	TOTAL DEPTH	TYPE <b>J 55</b>	TYPE <b>BAKER</b>	GUIDE SHOE
PRODUCTION	SIZE <b>10 3/4</b>	ROTARY	WEIGHT <b>6.4</b>	WEIGHT <b>Model</b>	FLOAT SHOE
SQUEEZE	WEIGHT	CABLE TOOL	TOTAL DEPTH	DEPTH SET <b>3440</b>	OTHER EQUIPMENT
PUMPING	DEPTH <b>1000'</b>				
PLUG BACK	TYPE				
GROUTING					
Other (write in)					

PURPOSE	SQUEEZE OR PLUG BACK DATA			CEMENT DATA		
	Depth From	To Approx.	IN SIZE CASING ✓ HOLE	BULK? SACKS	TYPE	Mixed Wt. Per Col. % Gel. Other Admix
WATER	<b>Hole in</b>	<b>7 5/8" @ 3590'</b>	<b>500</b>	<b>Por-A</b>	<b>SALT SAT.</b>	<b>4</b>
GAS						
ABANDON						

OTHER DATA ON SERVICE OPERATION			
PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	TYPE	CIRCULATING	
TOP PLUG	TYPE	MINIMUM	
TYPE HEAD	<b>2 7/8 SWAGE</b>	MAXIMUM	
CEMENT LEFT IN CASING _____ FT.			
<input type="checkbox"/> BY REQUEST <input type="checkbox"/> NECESSITY MEASURED WITH LINE			
TRUCK NO. & TYPE	TRUCK LOCATION	TITLE	NAME
<b>7715 38</b>	<b>Cortez</b>	Cementer	<b>ALLEN</b>
		Driver	<b>Smith</b>
		Cementer	
		Driver	
		Cementer	
		Driver	
		Cementer	<b>RAINS</b>
		Driver	

INVOICE SECTION		
DEPTH OF JOB	PRICE REF.	AMOUNT
<b>3590</b>	<b>FT.</b>	
SERVICE AND RENTAL CHARGES		
<b>R009-159</b>	BASE CHARGE	<b>509 50</b>
	FT. Per Ft. per 100' or Fraction	
	EXTRA TRUCK	
	STAND BY TRUCK	
<b>R000-117</b>	MILEAGE <b>107 @ 75¢/mile</b>	<b>80 25</b>

TERMS—NET, PAYABLE BY 20th OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

Sub-TOTAL **589 25**

TAX

TOTAL

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was Operation of the Cementing Equipment Satisfactory? **Yes** Was the Work of the Crew Performed in a Satisfactory Manner? **Yes**

Was Cementing Job Satisfactorily Completed? **Yes** Suggestions **None**

**[Signature]**  
OWNER, OPERATOR OR HIS AGENT.

This is to certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to the services furnished covered by this invoice.

PRINTED IN U.S.A.



SEND ALL REMITTANCE TO  
P. O. DRAWER 1  
DUNCAN, OKLAHOMA

CONTRACT AND INVOICE  
**No. BC179595**  
In Remitting or Corresponding  
Please Refer to Above Invoice Number.

FORM 984-R9

DATE <b>7-18-65</b>	CUSTOMER'S ORDER & REQ. NO.	SERVICE TICKET NO. <b>CS122410</b>	SEC.	TWP.	RNG.	TRK. CALLED OUT	ON LOCATION DATE A.M. P.M. <b>7-18-65</b> <b>3</b>	JOB STARTED DATE A.M. P.M. <b>7-18-65</b> <b>3</b>	JOB COMPLETED DATE A.M. P.M. <b>7-18-65</b> <b>9:30</b>	
WELL NO. AND FARM <b>5 Big Flat</b>		PLACE OR DESTINATION <b>Dead Horse Point</b>				COUNTY <b>Grand</b>	STATE <b>Utah</b>			
TYPE OF WELL 1 <input type="checkbox"/> WORKOVER 2 <input type="checkbox"/> EXPLORATORY 3 <input type="checkbox"/> DEVELOPMENT 4 <input type="checkbox"/> OTHER		OWNER <b>The Pure Oil Company</b>				CONTRACTOR				

**PURE OIL COMPANY 5**  
**ATTENTION-MR. R. H. GRIFFIN**  
**P. O. BOX 1338**  
**MOAB, UTAH 708139**

DELIVERED TO  
**Well Location**

PREPARED BY  
**E. M. Chavez**

AGREED TO AND RECEIVED BY  
*[Signature]*

DELIVERED FROM  
**Cortez, Colorado**

CHARGE TO  
**The Pure Oil Company**

MAILING ADDRESS  
**Box 1338**

CITY & STATE  
**Moab, Utah**

TERMS: **DUE BY THE 20th OF FOLLOWING MONTH, INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.**  
\$ **1250** Cash discount allowed if paid within this period.  
\$ **.38** Tax adjustment may be deducted if discounted.

WT. TKT. NO.	TRUCK NO.	CONVOY NO.	QUANTITY*	BRAND AND TYPE	DUNCAN USE ONLY	
					UNIT PRICE	AMOUNT
13	6874			500 Cu. Ft. Pozmix Cement Mixed 1:1 Consisting of: Plus 4% Gel. Salt Saturated.		
14	6888		250	Ideal Portland Cement from Albuquerque, New Mexico	170	425 00
15	7782	1658	250	Cu. Ft. Pozmix Cement. from El Paso, Texas.	1.36	340 00
			107	<sup>153</sup> Salt mixed 24# per sack	2.50	267 50
			9	Halliburton gel mixed 2% allowed to weight of pozmix cement.		
			18 <del>XXX</del>	Halliburton gel <sup>4%</sup> additional to weight of Pozmix Cement.	.13	65 00
*SACKS UNLESS OTHERWISE INDICATED						
We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice. PRINTED IN U.S.A.						
SERVICE CHARGE ON MATERIALS RETURNED					UNITS	
SERVICE CHARGE					653 UNITS	35 228 55
MILEAGE CHARGE		57,900	TOTAL WEIGHT	132	LOADED MILES FROM PLANT TO WELL	582140 TON MILES
					19	726 07

**CONDITIONS AND LIMITATIONS COVERING THIS CONTRACT**

It is expressly agreed and understood that in the sale and delivery of the materials covered by this contract, whether the composition of such materials be blended or otherwise, Halliburton makes no representation or warranty, express or implied, except as follows:

Halliburton warrants that the products and materials sold to the customer are free from defects of workmanship and material, but the liability of Halliburton for breach of such warranty or for damages of any kind resulting from the negligence of Halliburton shall be limited to the replacement of or the allowance of credit for such materials sold;

and such express warranty is in lieu of all warranties, express or implied, and Halliburton shall not be bound by any changes or modifications with respect to such liability as imposed on it by such warranty except where a change or modification is made by a duly authorized executive officer of Halliburton Company in writing.

SUB. TOTAL	2052 12
TAX	
Tax	61 56
<b>TOTAL</b>	<b>2113 68</b>

P4422

SUNDRY NOTICES AND REPORTS ON WELLS

Big Flat Unit No. 5  
C NW SE, Sec. 27, T-25S, R-19E  
Grand County, Utah

U.S.A. U-0114902

August 9, 1965

Barker Well Service moved in and rigged up on July 11, 1965.

On July 12 picked up on tubing. Tried to work tubing down hole. Unable to work tubing loose. Ran 1-3/4" sinker bars and hung up at 2,212'. Pulled out of hole. Backed off 40 stands, approximately 2,400', of 2-7/8" tubing. Unable to get over fish at 2,470' with overshot. Reran overshot and latched on to fish. Ran McCullough free point to 3,363'. Found no movement at 3,363', very small amount of movement at 3,595', free pipe at 3,582'. Ran chemical cutter and cut off pipe at 3,555'. Pulled 6 joints. Unable to work tubing down hole. Recovered 1,085' of 2-1/2" tubing. Last 7 jts. pitted and corroded approximately 3' above and below collars.

On July 15 completed running 5-1/2" wash pipe with 5-7/8" OD mill shoe. Found out of gauge hole at 2,900', 655' above fish. Reamed salt from 2,900' to 3,180', circulating with fresh water, dumping returns. Completed reaming out of gauge hole from 3,180' to top of fish at 3,555'. Washed over 2-7/8" tubing to a total depth of 3,587' where wash pipe stopped going. Pulled wash pipe and drilling string. Mill shoe indicated tubing to be solid against 7-5/8" casing at 3,587'.

On July 17, 1965, ran 6-3/8" OD clusterite wash over shoe. Washed over 2-7/8" tubing from 3,587' to 3,592'. Started losing partial returns at rate of 7 bbls. per hour. Picked up off bottom, closed BOP rams. Pumped into 7-5/8" annulus and well circulated at rate of 2 to 2-1/2 bbls. per minute between 7-5/8" and 10-3/4" casing.

Laid down wash pipe and drill collars. Ran Baker gauge ring for 7-5/8" 29.70# casing. Ran Baker Model "K" cement retainer and set at 3,440', using McCullough wire line. Ran tubing, stung into retainer. Broke circulation at 1500# at one bbl. per minute, circulating between 7-5/8" and 10-3/4" casing. Increased injection rate to 2 bbls. per minute. Pressure increased to 3,000#. Started cement. Returns coming from 10-3/4" casing. Mixed 150 sax 50-50 Pozmix, salt saturated, 4% gel. 7-5/8" casing collapsed. Pulled 24 jts. of tubing, dragging on collars. On 25th joint, tubing stuck at 2,698'. Worked tubing for two hours. Unable to work loose. Ran McCullough string shot. Left Baker Model "K" cement retainer stinger in hole. Pulled tubing. Closed pipe rams. Mixed and circulated cement between 10-3/4" and 7-5/8" casing. Full returns. Left 400' of cement inside of 7-5/8" casing. Maximum pressure 2000#. Job Complete at 9:00 p.m. 7-18-65. Used a total of 500 cubic feet of Ideal Portland and 250 cubic feet of Pozmix cement, 107 cubic feet mixed 24# to sack, 27 cubic feet of Howco gel.

On July 19 laid down 2-1/2" tubing. Plugged top of 7-5/8" casing with 10 sax of cement from 0' to 50'. Installed dry hole marker and rigged down. FINAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-014902

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <i>King Oil Company</i>		Big Flat Unit
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming		8. FARM OR LEASE NAME Big Flat Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL and 1980' FEL, C NW SE		9. WELL NO. 5
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5,757' KB 5,767'	10. FIELD AND POOL, OR WILDCAT Big Flat - Paradox
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-25S, R-19E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE SUPPLEMENTAL SHEET ATTACHED

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY  
SIGNED R. E. DAVIS TITLE District Office Manager DATE August 9, 1965

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

THE PURE OIL COMPANY MERGED INTO  
UNION OIL COMPANY OF CALIFORNIA  
EFFECTIVE JULY 16, 1965,

\*See Instructions on Reverse Side

Big Flat Unit No. 5  
C NW SE, Sec. 27, T-25S, R-19E  
Grand County, Utah

U.S.A. U-014902

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UNION OIL COMPANY OF CALIFORNIA  
EFFECTIVE JULY 16, 1965.