

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet

Location Map Pinned ✓

Card Indexed ✓

IWR for State or Fee Land

Checked by Chief ROB

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 1-9-62

OW ✓ WW TA

GW OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

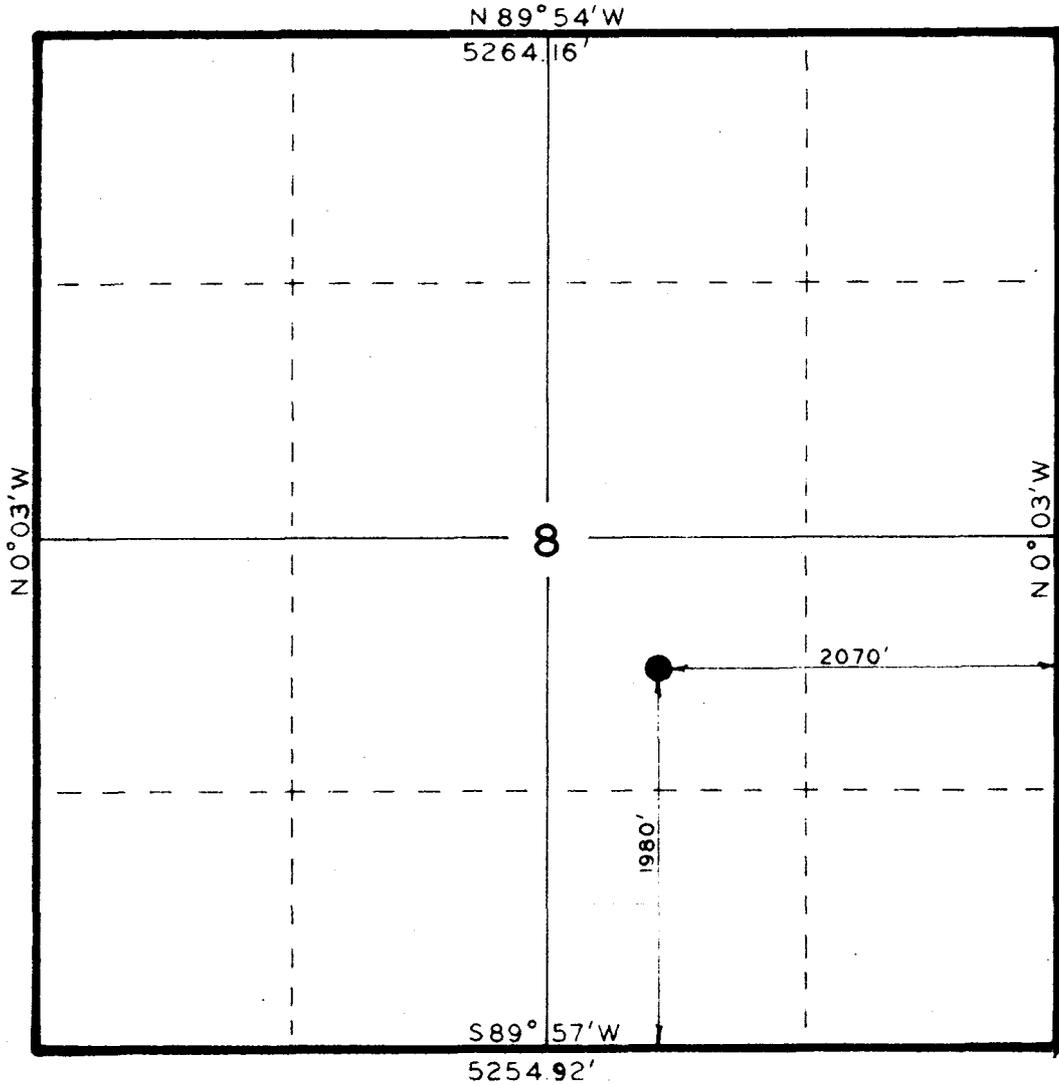
Driller's Log 3-28-62

Electric Logs (No.) 3

E I E-I ✓ GR GR-N Micro ✓

Lat Mi-L Sonic ✓ Others

T10S, R17E, SLB&M



X = Corners located (brass caps)

Scale: 1" = 1000'

D.T. Ross

By: ROSS CONSTRUCTION CO.
Vernal, Utah

<p>PARTY D.T. Ross E. Jaramillo</p> <p>WEATHER Windy, Cold</p>	<p>SURVEY MOUNTAIN FUEL SUPPLY CO. WELL LOC. WELLS DRAW NO. 1 LOCATED AS SHOWN IN THE NW 1/4, SE 1/4, SEC. 8, T10S, R17E, SLB&M. GARFIELD COUNTY, UTAH</p>	<p>DATE 11/4/61 REFERENCES GLO Township Plat Approved 5/25/1911 FILE MOUNTAIN FUEL</p>
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CRUDE OIL ANALYSIS

Condition of sample..... Laboratory No. **62-043**
 Analysis by **E. P. Moore** Date **6/20/62**

GENERAL CHARACTERISTICS

Specific Gravity..... **0.8468** A.P.I. Gravity..... **34.6**
 Per cent Sulphur..... **0.14** Pour Point..... **110° F.**
 Saybolt Universal Viscosity at 70°F..... sec. Color **Brownish-green (dark)**
 Saybolt Universal Viscosity at 100°F..... sec. Base **Paraffin-Intermediate**
 " " " " **150° F** **92.6** sec.

DISTILLATION, BUREAU OF MINES, HEMPEL METHOD

Distillation at atmospheric pressure..... **636 mm Hg.** First Drop..... **36° (97° F.)**

Fraction No.	Cut at °C.	Per Cent °F.	Per Cent	Sum Per Cent	Sp.Gr. 60/60°F.	°A.P.I. 60°F.	C.I.#	S.U. Visc. 100°F.	Cloud Test °F.
1	50	122	1.0	1.0	0.697	80.9			
2	75	167	1.2	2.2	0.672	79.1	8.0		
3	100	212	2.0	4.2	0.730	67.8	17		
4	125	257	2.2	6.4	0.732	61.8	18		
5	150	302	2.2	8.6	0.730	57.2	19		
6	175	347	2.6	11.2	0.764	53.7	19		
7	200	392	2.6	13.8	0.779	50.2	20		
8	225	437	3.2	17.0	0.792	47.4	20		
9	250	482	3.5	20.5	0.802	44.9	20		
10	275	527	3.2	23.7	0.811	43.0	19		

*Note: C.I. values calculated basis Bureau of Mines T.P. #610.

Distillation continued at 40 mm.

11	200	392	1.6	27.3	0.800	41.1	19	40	42
12	225	437	4.2	31.5	0.822	40.6	17	44	58
13	250	482	3.2	34.7	0.832	38.6	18	32	60
14	275	527	6.8	41.5	0.845	36.0	21	41	98
15	300	572	7.7	49.2	0.879	29.5	34	92**	114

**Note: Extrapolated effective viscosity - not homogeneous at 100° F.

Residuum..... **48.5** **99.7** **0.918** **22.6**

Carbon residue of residuum..... **1.5%** Carbon residue of crude..... **0.8%**

APPROXIMATE SUMMARY

	Per cent	Sp.Gr. 60/60°F.	°A.P.I. 60°F.	Viscosity, secs.
Light gasoline	4.2	0.687	74.5	
Total gasoline and naphtha	13.8	0.736	60.8	
Kerosene distillate	11.9	0.803	44.7	
Gas oil	7.6	0.824	40.2	
Nonviscous lubricating distillate	13.5	0.831-0.887	38.8-26.0	Below 50
Medium lubricating distillate	2.4	0.887-0.897	28.0-26.3	50-100
Viscous lubricating distillate	-	-	-	100-200
Residuum	48.5	0.918	22.6	Above 200
Distillation loss	0.3			

JUL 27 1962

<u>SHORT FORMATION DESCRIPTION</u>	<u>From</u>	<u>To</u>
Shale; gray-green, firm, blocky, sandstone; white-gray, very fine-fine grained, calcareous, silty, firm, tight, pyritiferous, with thin beds siltstone; gray, sandy in part, firm, occasional trace limestone; brown, dense, hard, some ostracods.	3550'	4100'
Shale; green-gray, some dark brown, firm blocky, sandstone; white-gray, very fine-fine grained, calcareous, silty, tight, with thin beds of siltstone; gray, sandy in part, firm.	4100'	4760'
<u>Tongue of Wasatch</u>		
Shale; variegated, red, green, purple, brown, yellow, firm-soft, some gray-green, firm, waxy, with interbedded siltstone; green-gray, firm, sandy, sandstone; white-gray, very fine-fine grained, calcareous, pyritiferous, poorly-sorted, angular, hard, tight.	4760'	5160'
<u>Green River Formation</u>		
Shale; green-gray, waxy, light-dark brown, limey, firm, blocky, with sandstone; brown-gray, fine-medium grained, subangular, poorly-sorted, calcareous, some friable, mostly hard, tight, thin limestone; brown, nodular, dense, hard, trace ostracods.	5160'	5420'
<u>Wasatch Formation</u>		
Shale; variegated, red, brown, purple, maroon, yellow some green-gray, mostly firm, blocky with stringers sandstone; light brown, fine-medium grained, black and brown grains, silty, calcareous, angular, poorly-sorted, tight.	5420'	5770'
Shale; variegated, as above, mostly red, soft, sticky, with some sandstone; light brown, very fine-fine grained, calcareous, poorly-sorted, angular, as above.	5770'	6000'
Shale; variegated, red, red-brown, maroon, purple, yellow, brown, firm, blocky, some green-gray, waxy, firm, some red, soft sticky, with sandstone; gray, fine-grained, firm, tight, grading to siltstone; red, red-brown, sandy, firm.	6000'	6300'
Shale; green-gray, waxy, blocky-chipy, firm, pyritiferous in part, some variegated, some mottled, mostly red, firm, blocky, silty with occasional streaks of red, soft, sticky shale, sandstone; gray, fine-grained, tight, grading to siltstone. Occasional trace limestone; brown, dense, hard.	6300'	6620'
Shale; mostly red, soft, sticky to firm, silty, some green-gray, some varigated, as above, with some sandstone; white-gray, very fine-fine grained, calcareous, firm, tight.	6620'	7350'
Shale; variegated, brown, red, purple, green-gray, some mottled, silty, firm, trace sandstone; very fine-fine grained, calcareous, hard, tight.	7350'	7700'
Shale; gray, red, green, varigated, smooth-silty, with some sandstone; light gray, very fine-grained, calcareous friable-hard, tight.	7700'	8030'
Shale; gray, red, green, variegated, smooth-silty, with some siltstone; light gray, brown, calcareous, hard, sandstone; light gray, very fine-fine grained, calcareous, friable-hard, poorly-sorted, tight.	8030'	8200'

Field Wells Draw State Utah County Duchesne Sec. 8 T. 10S R. 17E

Company Mountain Fuel Supply Farm _____ Unit _____ Well No. 1

Location NW¼ SE¼, 1980 N/S 2070 W/E Elev. 5898 KB. 5886 GR.

Drilling Commenced November 11, 1961 Completed January 1, 1962

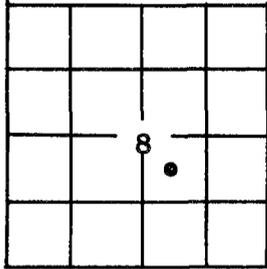
Rig Released January 9, 1962 Total Depth 8197' PB. 6600'

Casing Record 13-3/8 inch at 320.94 feet KBM with 290 sacks.

5-1/2 inch at 5394.03 feet KBM with 380 sacks.

Tubing Record 2-3/8 inch landed at 5133.29 feet.

Perforations 4 holes per foot from 5204-5215 feet.



I. P. Gas _____ Oil 178.45 barrels oil per day

Sands 5204-5215

Shut-in Surface Pressures Casing 75#, Tubing 0#

Remarks Four days pumping averaged 178.45 barrels oil per day. Gravity is 37° API.

Pour point is 105° F.

FORMATION RECORD

FORMATION RECORD

SHORT FORMATION DESCRIPTION

FROM TO

Uinta Formation

Surface- No Samples 0 330'

Sandstone; white-gray, very fine-medium grained, calcareous, micaceous, abundant loose quartz grains, angular, poorly-sorted, friable, with some siltstone; gray, micaceous, firm, and occasional thin beds limestone; buff-brown, dense, hard. 330' 960'

Green River Formation

Limestone; light-dark brown, dense, hard, trace ostracods, with some sandstone; white-gray, green-gray, very fine-fine grained, micaceous, hard, tight, siltstone; green-gray, firm, shale; green-gray, firm. 960' 1580'

Shale; brown, green-gray, firm, blocky-chipy, firm, chert; black, brown, white, hard, trace oil shale, with some limestone; dark brown, dense, hard, sandstone; white-gray, very fine-medium grained, silty, sub-rounded, poorly-sorted, hard, tight. 1580' 2080'

No Samples 2080' 2110'

Sandstone; white-light brown, very fine-medium grained, silty, sub-rounded, poorly-sorted, hard, tight, siltstone; green-gray, firm, shale; green-gray, firm, blocky, with thin limestone; brown, dense, hard, oolitic and ostracodal in part. 2110' 2530'

Marlstone; light brown, tan, firm-soft, very calcareous, chalky, with thin lenses of limestone conglomerate, oolitic, ostracodal, shale; green-gray, firm, blocky, with some sandstone; light gray, very fine-fine grained, calcareous, silty, subangular, poorly-sorted, hard, tight, grading to siltstone; light brown, firm. 2530' 3040'

Sandstone; light gray-green, very fine-grained, calcareous, firm, pyritiferous, hard, tight, shale; green-gray, silty, firm, blocky, grading to limey shale, with thin limestone in upper portion, occasional thin beds of siltstone; gray-green, calcareous, firm, becoming sandy in part. 3040' 3550'

COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Wells Draw Unit Well No. 1

Well: Wells Draw Unit

Location: 2070 feet FEL and 1980 feet FSL, sec. 8, T. 10 S., R. 17 E.,
Kane County, Utah.

Depth: 5885.52 feet Ground; 5897 feet Rotary Bushing.

Drilling Commenced: November 11, 1961

Drilling Completed: January 1, 1962

Well Released: January 9, 1962

Total Depth: 8197 feet; Plugged back to 6600 feet

Production Tops:

Uinta	Surface
Green River	960'
Wasatch	5450'

Casing: 13-3/8 inch at 320.94 feet KBM with 290 sacks.

5-1/2 inch at 5394.03 feet KBM with 380 sacks.

Tubing: 2-3/8 inch landed at 5133.29 feet.

Rotations: 1/4 holes per foot from 5204-5215 feet.

Productivity: Four days pumping averaged 178.45 barrels oil per day.. Gravity
is 37° API. Pour point is 105° F.

Producing Formation: Green River.

Remarks: Production measured following sand oil treatment.

VBG:ew

POOR COPY

DRILL STEM TEST

No.	Date	Bottom Packer	Total Depth	Tool Open	BHFP	IBHSIP	FBHSIP	REMARKS
1	12-1-61	1096	1205	60	15-15	60 (30)	15 (60)	Rec. 2' mud.
2	12-1-61	2222	2300	60	25-25	125 (30)	150 (60)	Rec. 10' mud.
3	12-1-61	3679	3714	60	6-37	203 (30)	1072 (60)	No gas up. Rec 10' gcm & 1/2 pt. viscous black oil.
4	12-3-61	4052	4080	60	40-75	1510 (30)	1165 (60)	120' salt water cut mud.
5	12-4-61	4100	4160	60	25-40	935 (30)	100 (60)	No gas up. Rec. 10' mud & 1 qt. viscous black oil.
6	12-3-61	4411	4455	60	25-25	510 (30)	510 (30)	10' mud.
7	12-7-61	4461	4540	60	25-25	115 (30)	85 (60)	No gas up. 15' mud, & 1 pt. viscous black oil.
8	12-8-61	4694	4754	60	75-75	345 (30)	150 (60)	No gas up. 60' gas cut mud and 120' heavy black oil
9	12-12-61	5204	5237	120	100-175	1825 (30)	1816 (120)	Maximum 63 Mcf. Rec. 425' heavy oil slightly mud and gas cut.
10	12-1-61	5340	5410	60	36-49	1488 (30)	263 (60)	40' mud.
11	1-3-61	8068	8200	120	38-38	167 (30)	150 (60)	45' mud.

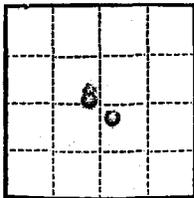
W. H. H.

POOR COPY

Form 9-381a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

Wells Draw Unit Well No. 1 November 6 19 61

Well No. 1 is located 1980 ft. from N line and 8070 ft. from E line of sec. 8

NW SE sec. 8 10S 17E 6th P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne County Utah
(Field) (County or Subdivision) (State or Territory)

to follow

The elevation of the derrick floor above sea level is /..... 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)

We would like permission to drill the subject well to an approximate depth of 7500 feet as a test of the Wasatch formation. Approximately 300' of 13-3/8" OD, 48# N-40 8rmd thd STAC casing will be cemented to surface. If commercial oil or gas production is encountered, a production string of 5-1/2" OD, 17# N-80 8rmd thd LHC casing will be run through the lowest productive interval encountered and cemented with sufficient cement to protect and isolate such interval.

cc: Utah Oil & Gas Conservation Commission ✓

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

Company Mountain Fuel Supply Company
Address P. O. Box 1129
Rock Springs, Wyoming
By [Signature]
Title Vice President

November 9, 1961

Mountain Fuel Supply Co.
P. O. Box 1129
Rock Springs, Wyoming

Attn: J. T. Simons, Vice President

Gentleman:

This is to acknowledge receipt of your notice of intention to drill Well No. Wells Draw Unit #1, which is to be located 1980 feet from the south line and 2070 feet from the east line of Section 8, Township 10 South, Range 17 East, S1EM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, said approval is conditional upon a Plat being furnished this office in accordance with Rule C-4 (a), of our Rules and Regulations.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

GLENN B. FEIGHT,
EXECUTIVE DIRECTOR

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

MOUNTAIN FUEL SUPPLY COMPANY

P. O. BOX 1129

ROCK SPRINGS, WYOMING

November 10, 1961

J. T. SIMON
VICE PRESIDENT

Mr. Cleon B. Feight
Executive Director
The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

Attached are two copies of a plat prepared by Ross Construction Company covering the location of Wells Draw Unit Well No. 1, section 8, Township 10 South, Range 17 East, Salt Lake Base Meridian, Duchesne County, Utah.

Yours very truly,



JTS;sm

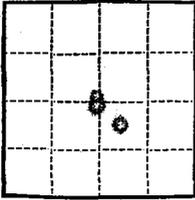
Encs.

cc: Mr. Donald F. Russell

Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



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.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 November 14, 1961

Well No. 1 is located 1980 ft. from S line and 12070 ft. from E line of sec. 8

NW 8E sec. 8 10S 17E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is to follow 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)

The subject well was spudded in November 12, 1961 and is currently drilling surface hole at a depth of 252'.

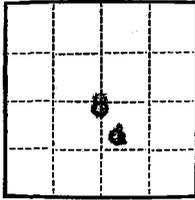
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company
Address P. O. Box 1129
Rock Springs, Wyoming
By [Signature]
Title Vice President

R 29

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

Form 9-331a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit

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	

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

Wells Draw Unit Well No. 1 November 21, 1961

Well No. 1 is located 1980 ft. from XX line and 2070 ft. from E line of sec. 8

NW SE sec. 8 108 17E S. L. M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.45 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)

The subject well is at a depth of 1205', running drill stem test No. 1 from 1096' to 1205' in the Green River formation.

At a depth of 326', the following surface casing was run into the well:

	Net	Gross
1 HECO 12" ser. 900 type B reg. duty casing flange	1.48'	1.48'
10 jts. 13-3/8" OD 48# R-40 Brand thd STAC casing	305.52'	308.44'
1 13-3/8" Howco guide shoe	1.10'	1.10'
	<u>308.10'</u>	<u>311.02'</u>

The above casing was landed at 320.94' KBH and cemented with 290 sacks regular bulk cement. Good mud returns were obtained prior to and while mixing and displacing cement. Cement returns did not reach surface; however, checked conductor pipe and found cement 15' below kelly bushing. Pressure tested BOP's and casing to 500 psi each for 15 minutes; pressure test held good.

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

Company Mountain Fuel Supply Company

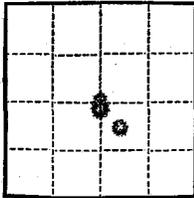
Address P. O. Box 1129

Rock Springs, Wyoming

By J. H. Brown

Title Ice President

Form 9-381a
(Feb. 1961)



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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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	XX
NOTICE OF INTENTION TO ABANDON WELL			

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

Wells Draw Unit Well No. 1 _____ November 26 _____, 1961

Well No. 1 is located 1980 ft. from NS line and 2070 ft. from E line of sec. 8
SW SE sec. 8 108 17E S. L. M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

The subject well is drilling at a depth of 3321' in the Green River formation.

BSF #1: 1096'-1205', Green River, ISI $\frac{1}{2}$ hour, tool open 1 hour, FBI 1 hour, very weak blow for 5 minutes and dying. Recovered 2' mud. ISIP 60 psi, IHP 510 psi, IFF 15 psi, VFF 15 psi, FBIP 15 psi, FFP 500 psi.

BSF #2: 2222'-2300', Green River, ISI $\frac{1}{2}$ hour, tool open 1 hour, FBI 1 hour, weak blow throughout test, no gas to surface. Recovered 10' mud. ISIP 125 psi, IHP 1040 psi, IFF 25 psi, VFF 25 psi, FBIP 150 psi, FFP 1025 psi.

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

Company Mountain Fuel Supply Company
 Address P. O. Box 1129
Rock Springs, Wyoming
 By [Signature]
 Title Vice President

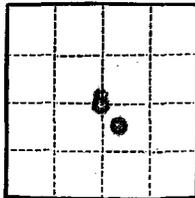
FORM 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Utah

Lease No. 015710

Unit Wells Draw Unit



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	
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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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

Wells Draw Unit Well No. 1 _____ December 5, 1961 _____, 1961

Well No. 1 is located 1960 ft. from DX line and 8070 ft. from E line of sec. 8

NW 34 sec. 8 108 17E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

The subject well is drilling at a depth of 4400 feet in the Green River formation.

TEST #1: 3679'-3714', Green River, ISI 1/2 hour, tool open 1 hour, PSI 1 hour, slight blow throughout test, no gas to surface. Recovered 10' heavily gas cut mud and 1/2 pint black oil. ISIP 1203 psi, IEP 1704 psi, IFF 6 psi, FFP 37 psi, PSIP 1072 psi, FFP 1690 psi.

TEST #2: 4052'-4080', Green River, ISI 1/2 hour, tool open 1 hour, PSI 1 hour, very weak blow throughout test, no gas to surface. Recovered 120' slightly salt water cut mud. ISIP 1510 psi, IEP 1925 psi, IFF 40 psi, FFP 75 psi, PSIP 1165 psi, FFP 1910 psi.

TEST #3: 4100'-4160', Green River, ISI 1/2 hour, tool open 1 hour, PSI 1 hour, very weak blow throughout test, no gas to surface. Recovered 10' slightly gas cut mud and 1 quart heavy black oil. SIP's 935-100 psi, FF's 25-40 psi, IEP's 1935-1925 psi.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129

Rock Springs, Wyoming

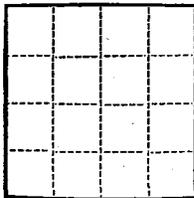
By _____

Title Vice President

Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw



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.....	XXXX
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Wells Draw Unit Well No. 1 _____ December 13 _____, 1961

Well No. 1 is located 1000 ft. from S line and 2070 ft. from E line of sec. 8

NW SE sec. 8 10S 17E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5995.44 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)

The subject well is drilling at a depth of 5507', in the Wasatch formation, top of which was picked by sample at 5420'.

DS-196: 4411'-4455', Green River, ISI 1/2 hour, tool open 1 hour, FSI 1 hour, very weak blow, no gas to surface. Recovered 10' mud, IS-IP 510 psi, IMP 2105 psi, IFP 25 psi, FFP 25 psi, FSIP 510 psi, FHP 2105 psi.

DS-197: 4461'-4540', Green River, ISI 1/2 hour, tool open 1 hour, FSI 1 hour, very weak blow throughout test, no gas to surface. Recovered 15' mud and 1 pint heavy black oil. ISIP 115 psi, IMP 2110 psi, IFP 25 psi, FFP 25 psi, FSIP 85 psi, FHP 2105 psi.

DS-198: 4624'-4734', Green River, ISI 1 hour, tool open 1 hour, FSI 1 hour, very weak blow throughout test, no gas to surface, recovered 120' heavy black oil and 60' gas cut mud. ISIP 345 psi, IMP 2242 psi, BHFP's 75 psi, FSIP 150 psi, FHP 2230 psi. (over)

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

Company Mountain Fuel Supply Co.

Address P.O. Box 1129

Rock Springs, Wyoming

By J. Thorton
Title Vice President

DEC 15 1961

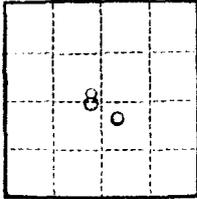
DST #9: 5204'-5237', Green River, ISI 1/2 hour, tool open 2 hours, FSI 2 hours, strong initial blow, gas up in 24 minutes, 35 minutes 38 Mcf, increasing and leveling off at rate of 63 Mcf at end of test. Recovered 425' heavy oil, slightly mud and gas out, 42° gravity, 90° pourpoint. ISIP 1825 psi, IHP 2525 psi, IFP 100 psi, FFP 175 psi, FSIP 1816 psi, FHP 2525 psi.

DST #10: 5340'-5410', Green River, IS-I 1/2 hour, tool open 1 hour, FS-I 1 hour, very weak blow, dead in 10 minutes. Recovered 40' mud. ISIP 1488 psi, IHP 2597 psi, IFP 36 psi, FFP 49 psi, FSIP 263 psi, FHP 2642 psi.

Roll

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

Form 9-331a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw

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	XX
NOTICE OF INTENTION TO ABANDON WELL		

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

Wells Draw Unit Well No. 1 December 19 1961

Well No. 1 is located 1980 ft. from ~~N~~ S line and 2070 ft. from ~~W~~ E line of sec. 8

NW SE sec. 8 10S 17E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

The subject well is drilling at a depth of 6455' in the Wasatch formation.

DBT #10: 5340'-5410', Wasatch, ISI 1/2 hour, tool open 1 hour, PSI 1 hour, very weak blow, dead in 10 minutes, no gas to surface. Recovered 40' mud. IBIP 1488 psi, IHP 2597 psi, IFP 36 psi, FFP 49 psi, PSIP 263 psi, FHP 2642 psi.

Sample top of Wasatch formation picked at 5420'.

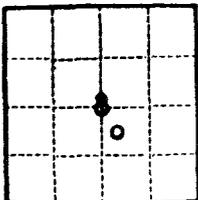
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]
Title Vice President

Form 9-581a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	XX
NOTICE OF INTENTION TO ABANDON WELL			

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

Wells Draw Unit Well No. 1 _____ December 27 _____, 1961

Well No. 1 is located 1980 ft. from S line and 2070 ft. from E line of sec. 8

NW 8E sec. 8 (1/4 Sec. and Sec. No.) 106 (Twp.) 17E (Range) S. L. M. (Meridian)
Wells Draw Unit (Field) Duchesne (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5895.4 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)

The subject well is drilling at a depth of 7640 feet.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129

Rock Springs, Wyoming

By [Signature]

Title Vice President

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER Utah - 015710
UNIT Wells Draw Units

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Wells Draw Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of DEC 1961, 19

Agent's address P. O. Box 1129 989 Company MOUNTAIN FUEL SUPPLY COMPANY

Rock Springs, Wyoming

Signed J. L. Neely

Phone Salt Lake City, Utah

Agent's title Office Manager
Divisional Chief Accountant

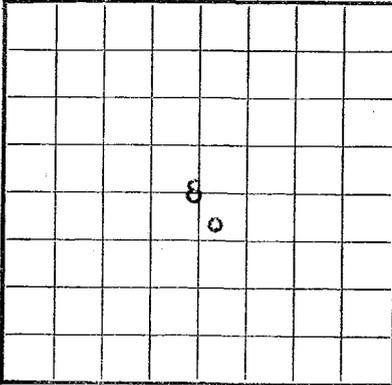
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW, NW SE 8	10	17	1							Spudded: Nov. 12, 1961 Dec. 31, 1961 Drilling at 8,091'

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.

U. S. LAND OFFICE Utah
 SERIAL NUMBER 015710
 LEASE OR PERMIT TO PROSPECT Unit



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Mountain Fuel Supply Company Address P. O. Box 1129, Rock Springs, Wyoming
 Lessor or Tract Unit Field Wells Draw State Utah
 Well No. 1 Sec. 8 T. 10S R. 17W Meridian S. L. B. & M. County Duchesne
 Location 1980 ft. XX of S. Line and 2070 ft. XX of E. Line of section 8 Elevation 5825.44'
(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 [Signature]

Date March 22, 1962 Title Vice President

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

Commenced drilling November 12, 1961 Finished drilling January 1, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5204 to 5215 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 _____ 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-	
13-3/8	48	8rpd	Spang	311.02	Howco				surface
5-1/2	17#	8rpd	Spang	5431.87	Baker	5204	5215		production
2-3/8	4.7#	8rpd	Spang	5168.82					tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	320.34	20	Displacement	by Howco	
5-1/2	534.03	380	" "	" "	
2-3/8	5153.2	tubing			

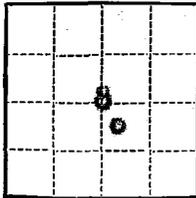
PLUGS AND ADAPTERS

OLD MARK

Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 January 3 1962

Well No. 1 is located 1980 ft. from XX line and 2070 ft. from XX line of sec. 8

NW 1/4 sec. 8 106 17E E. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

The subject well was drilled to a total depth of 6800' at which depth the well was still in the Wasatch formation. Presently circulating and conditioning mud, prior to laying a 200' cement plug from 6800' to 6600'.

DST #11: 8068'-8200', Wasatch, ISI 1/2 hour, tool open 2 hours, FBI 1 hour, strong blow, slowly decreasing to end of test, no gas to surface. Recovered 45' mud. ISIP 167 psi, IHP 4315 psi, IFP 38 psi, FFP 38 psi, FSIP 150 psi, FHP 4315 psi.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

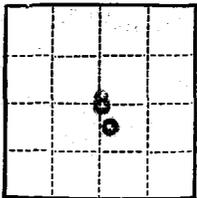
By [Signature]

Title Vice President

Form 9-381a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



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	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	XX
NOTICE OF INTENTION TO ABANDON WELL		

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

Wells Draw Unit Well No. 1 January 8, 1962

Well No. 1 is located 1980 ft. from ~~XXXX~~ [S] line and 2070 ft. from [E] line of sec. 8

NW SE sec. 8 108 17E S. L. D. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

Total depth 8200', FSD 5357'. Laid a 66 sack cement plug from 6800' to 6600'.
Ran the following production casing into the well:

	Net	Gross
1 pc. 5 1/2" OD 17# N-80 8rad thd LT&C casing	13.73'	14.02'
172 jts. 5 1/2" OD 17# N-80 8rad thd LT&C casing	5333.05'	5382.93'
1 Baker 5 1/2" OD flexiflow collar	1.53'	1.75'
1 jt. 5 1/2" OD 17# N-80 8rad thd LT&C casing	31.23'	31.52'
1 Baker 5 1/2" OD flexiflow shoe	1.65'	1.65'
	5381.19'	5431.87'

The above casing was landed at 5394.03' KBM and cemented with 380 sacks Pozmix A 50-50 cement. Had good mud returns prior to and while mixing and displacing cement.

Checked plugged back depth at 5357', KBM. Pressure tested tubing runs, blind runs, (over)

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]

Title Vice President

JAN 10 1962

AND 5½" OD casing to 4000 psi each; pressure tests held good. Checked cement fillup behind 5½" OD casing at 4152' KBM.

Perforated 5½" OD casing in Green River formation with 4 holes per foot from 5204' to 5215'.

Ran a string of 2-3/8" OD 4.7# J-55 8mm thd HUS tubing, with pump seating nipple with coupling in tubing string, measuring 5142.20' net and 5168.82' gross, and landed tubing at 5153.29' KBM.

Using Halliburton Oil Well Cementing Company equipment, subjected perforations from 5204' to 5215' to sandoil fracturing treatment. Pumped in 60 barrels diesel oil, formation broke at 2800 psi, increasing to 3600 psi at injection rate of 25 BPM. Treated with 10,000 gallons of diesel oil mixed with 1 ppg 20-40 mesh sand, and 105ppg K2S. Average treating pressure 3700 psi at rate of 26 BPM. Displaced with 141 barrels of clear diesel oil at maximum pressure of 3900 psi at 26.0 BPM. After 3 hours, pressure had dropped to 1150 psi on both tubing and casing, at which time testing of the well commenced.

Flowed well for 8 hours during which time the well flowed to atmosphere, no gas gauged, and liquid recovery amounted to 125 barrels of diesel oil and 52.44 barrels of highly viscous crude oil. At the end of 8 hours, the flowing tubing pressure had decreased to 0 psi and the well was dead. Shut in well for 10 hours and surface SI tubing pressure built up to 140 psi, surface SI casing pressure increased to 125 psi.

Opened tubing into stock tank and well started flowing immediately, no blow of gas; pressures dropped immediately from 140 psi on the tubing to 10 psi, and from 125 psi on the casing, to zero psi. Flowed well for 3½ hours during which time fluid recovery amounted to 38.24 barrels of viscous crude oil.

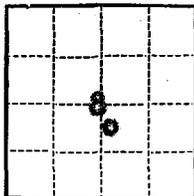
Testing of this well is continuing.

RFS

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 January 16, 1962

Well No. 1 is located 1980 ft. from XXX line and 2270 ft. from [E] line of sec. 8

NW SE sec. 8 106 17E S. L. B. & N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

This well has been shut in since January 9, 1962. A bottom hole pressure was run on January 12, 1962. Surface shut in tubing pressure amounted to 31 psig; surface shut in casing pressure amounted to 36 psig. Static bottom hole pressure at 5210' (in middle of casing perforations) was 1873 psig and the tubing was filled with crude oil from the surface to 5210'. The viscosity and congealing characteristics of the crude oil in this well are indicated by the fact that 4 hours were required to make a dummy run with a weight section from the surface to 5210'. The well will be shut in until temporary production facilities and pumping equipment are moved in at which time pumping tests will be made to determine the productivity of the well.

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

Company Mountain Fuel Supply Company
Address P. O. Box 1129
Rock Springs, Wyoming
By [Signature]
Title Vice President

9-546
(September 1943)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PMB

Casper, Wyoming, Laboratory

INFORMATION TO BE FURNISHED WITH EACH SAMPLE

Marks on container..... Lab. No. **42-043** (Filled in by Chemist)

Field **Wells Draw, Utah** Farm or Lease **Utah 015720**

Operator **Mountain Fuel Supply Company** Address **Salt Lake City, Utah**
Wells Draw (Serial Number)

Well No. **1** **1000** $\frac{1}{4}$ **SE** $\frac{1}{4}$ sec. **8**, T. **10 N**, R. **17 E**, S.1. **M.**

Sample taken by **D. F. Russell** Date taken **6-5-62**

Name of sand (or formation) from which this sample was obtained (if unknown or doubtful, so state) **Green River**

Depth to top of sand **5,160'** Depth to bottom of sand **5,420'**

Depth well drilled **6,200'** Present depth **6,600'**

Depths at which casing is perforated **5,204-15'**

If drill stem test, depth at which packer is set.....

Depth at which last shut-off string of casing is landed, cemented or mudded (state which) **5 1/2" at 5,394 w/360 anchors**

Depths (if known) where water encountered.....

If acidized, dates, depths and gallons of acid.....

Place where sample was obtained (drill stem, lead line, flow tank, bailer, etc.).....

Method of production (flowing, pumping, air, etc.).....

Initial Production:		Present Production:
Barrels Oil 176/day		Barrels Oil 20/day
Barrels Water none		Barrels Water.....
Gas Volume.....		Gas Volume.....
Rock Pressure.....		Rock Pressure.....

REASON FOR ANALYSIS **Future reference**

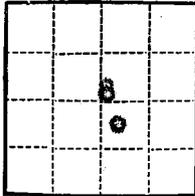
Note: A sample for analysis is of no value unless accompanied by above information. Complete information on this form is to be attached to each sample container; otherwise sample will be disregarded. Be sure to seal or tightly cork all containers immediately after sampling and label all samples so that there will be no confusion.

RECEIVED
DIV. OF OIL & GAS OPERATIONS
JUL 11 1962
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

122

Budget Bureau No. 42-R358.4.
Form Approved.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit

SUNDRY NOTICES AND REPORTS ON WELLS

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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.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 January 24 1962

Well No. 1 is located 1980 ft. from ~~NR~~ [S] line and 2070 ft. from ~~WR~~ [E] line of sec. 8

NW SE sec. 8
(¼ Sec. and Sec. No.)

10S
(Twp.)

17E
(Range)

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

Wells Draw
(Field)

Duchesne
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5897.44 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)

The subject well is still shut in while waiting on pumping equipment to test well.

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

Company Mountain Fuel Supply Co.

Address P. O. Box 1129

Rock Springs, Wyoming

By [Signature]

Title Vice President

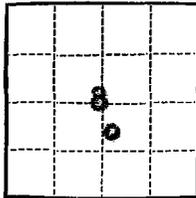
RLL

Form 9-331a
(Feb. 1961)

Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



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.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 _____ January 30 _____, 1962

Well No. 1 is located 1950 ft. from XXXX line and 2070 ft. from E line of sec. 8

NW 1/4 sec. 8 (1/4 Sec. and Sec. No.) 10S (Twp.) 17E (Range) S. L. B. & M. (Meridian)
Wells Draw Unit (Field) Duchesne (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

TD 8200', FBD 5357', waiting on pumping equipment.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]
Title Vice President

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER Utah -015710
UNIT Wells Draw Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Wells Draw Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of JAN, 1962, 19 ,

Agent's address P. O. Box 1129 989 Company MOUNTAIN FUEL SUPPLY COMPANY

Rock Springs, Wyoming

Signed F. L. Neely

Phone Salt Lake City, Utah

Agent's title DEPT. MANAGER
Divisional Chief Accountant

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)
NW, NW SE	8	10	17	1						Spudded Nov. 12, 1961. as of Jan 31, 1962 Total depth 8200' plugged back 5371' Shut in waiting on pumping equipment to test well

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

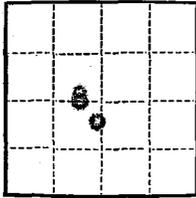
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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.

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw



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)

Wells Draw Unit Well No. 1 February 6, 1962

Well No. 1 is located 1980 ft. from ^[N]_{XS} line and 2070 ft. from ^[E]_{XX} line of sec. 8

NW SE sec. 8 10S 17E S. L. B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

Waiting on pumping equipment to conduct pumping tests.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129

Rock Springs, Wyoming

By [Signature]

Title Vice President

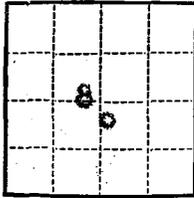
120

Form 9-331a
(Feb. 1961)

Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

Utah
Land Office _____
Lease No. **015710**
Unit **Wells Draw Unit**



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	XX
NOTICE OF INTENTION TO ABANDON WELL		

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

Wells Draw Unit

February 15

19 62

Well No. 1 is located 1980 ft. from XXXX line and 2070 ft. from E line of sec. 8
(N S)
NW SE sec. 8 **10E** **17E** **S. L. & B. M.**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Unit **Duchesne** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5855.44 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)

Total depth **8200'**, **FSD 5357'**, waiting on pumping equipment and production facilities. These facilities are now being loaded here in Rock Springs, Wyoming and will be enroute to the well location within a few days.

Operations have been delayed by inclement weather and flooding conditions.

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

Company **Mountain Fuel Supply Company**

Address **P. O. Box 1129**
Rock Springs, Wyoming

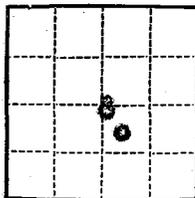
By *[Signature]*

Title **Vice President**

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit



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)

Wells Draw Unit Well No. 1 February 20, 1962

Well No. 1 is located 1900 ft. from ~~10E~~ [S] line and 2070 ft. from ~~10E~~ [E] line of sec. 8

NW SE sec. 8
(1/4 Sec. and Sec. No.)

10S
(Twp.)

17E
(Range)

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

Wells Draw
(Field)

Duchesne
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

The necessary production equipment, which includes a steamer, heater, separator, pump jack, rods, etc. is being moved into and being assembled at the well location.

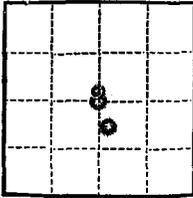
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]
Title Vice President

Form 9-381a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw

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.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 February 27, 1962

Well No. 1 is located 1500 ft. from ~~SW~~ S line and 2070 ft. from ~~SW~~ E line of sec. 8

NW SE sec. 8 108 17E S. L. B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5095.44 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)

Installation of production facilities and pumping facilities is in progress at this well.

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

Company Mountain Fuel Supply Company

Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]
Title Vice President

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER Utah - 015710
UNIT Wells Draw Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Wells Draw Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEB 1962, 1962

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY
EAST LAKE CITY, UTAH Signed [Signature]

Phone _____ Agent's title DIVISIONAL CHIEF ACCOUNTANT

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, causes; date and result of test for gasoline content of gas)
NW, NW SE 8	10	17	1							Spudded Nov. 12, 1961 Shut in Installing pumping equipment

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

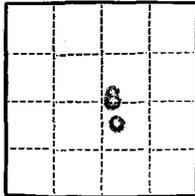
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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 supervisors by the 6th of the succeeding month, unless otherwise directed by the supervisor.

R-2

4518

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Utah
Lease No. 015710
Unit Wells Draw Unit

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)

Wells Draw Unit Well No. 1 March 5 1962

Well No. 1 is located 1980 ft. from XXX line and 2070 ft. from E line of sec. 8

NW SE sec. 8 108 17E S. L. B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

Production facilities are being installed and pump testing of this well is anticipated during the latter part of this week.

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

Company Mountain Fuel Supply Co.

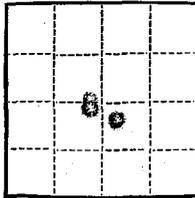
Address P. O. Box 1129
Rock Springs, Wyoming

By [Signature]

Title Vice President

W

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw

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.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Wells Draw Unit Well No. 1 **March 12**, 19**62**

Well No. 1 is located 1980 ft. from ~~XX~~ line and 2070 ft. from ~~XX~~ line of sec. 8

NW 1/4 sec. 8, 10S 17E S. L. & B. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wells Draw Unit Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 ft.

DETAILS OF WORK

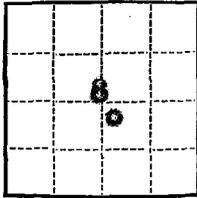
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well was put on pump production at 6:00 p.m. March 7, 1962. Through 7:00 a.m. March 12, 1962, the well pumped a total of 825.13 barrels, or an average of 181.14 barrels per day.

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

Company Mountain Fuel Supply Company
Address P. O. Box 1129
Rock Springs, Wyoming
By *Simon*
Title Vice President

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 015710
Unit Wells Draw

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.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Wells Draw Unit Well No. 1 March 19, 1962

Well No. 1 is located 1980 ft. from ~~NE~~ _S line and 2070 ft. from ^E ~~NE~~ line of sec. 8

NW SE sec. 8 108 17E S. L. B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wells Draw Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5895.44 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)

Since the well was put on pump production, it has produced a total of 1590.04 barrels through this date, or an average of 138.26 barrels a day. FINAL REPORT.

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

Company Mountain Fuel Supply Company
Address P. O. Box 1129
Rock Springs, Wyoming
By [Signature]
Title Vice President

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRICATE*
(Other instructions on reverse 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.)

5. LEASE DESIGNATION AND SERIAL NO.

Utah 015710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wells Draw Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wells Draw

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

8-10S-17E., SLB&M

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1.

OIL WELL GAS WELL OTHER Abandon

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL, 2070' FEL, NW SE sec. 8

14. PERMIT NO.

-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5897.30'

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

TD 8200', PBD 5357', perforations 5204' to 5215'.

We would like your permission to plug and abandon the subject well as it cannot produce commercial amounts of oil and no other zones of production are available. We would set a 13 sack cement plug from 5263' to 5154'; we would run a free point indicator and then shoot the 5 1/2" casing and set a cement plug which will extend 50' in and 50' out of the 5 1/2" casing stub; set a 75 sack cement plug from 371' to 271' and then set a final 10 sack cement plug into the top of the surface casing.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 10-20-66 by *Paul A. Burchell*
Chief Petroleum Engineer

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

SIGNED *B.W. Craft*

General Manager, Production
and Transmission

TITLE

DATE Oct. 19, 1966

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

**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

Utah 015710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Wells Draw Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wells Draw

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

8-10S-17E., SLB&M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL GAS WELL OTHER Abandon

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL, 2070' FEL, NW SE sec. 8

14. PERMIT NO.

-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5897.30'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

TD 8200', rig released November 30, 1966, well plugged and abandoned as follows:

Plug No. 1: 5263-5154', 14 sacks.

Plug No. 2: 2490-2390', 27 sacks (50' in 5 1/2" casing stub and 50' in open hole above casing stub)

Plug No. 3: 371-271', 75 sacks (50' out of and 50' in 13-3/8" surface casing)

Plug No. 4: 10' in the top of the surface casing, 8 sacks.

A regulation U.S.G.S abandonment marker has been installed and a cap with abandonment data will be attached at a later date.

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

SIGNED

BW Geoff

TITLE

General Manager, Production
and Transmission

DATE Dec. 9, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R555.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Abandon

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other old well

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL, 2070' FEL, NW SE sec. 8
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
Utah 015710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Wells Draw Unit

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wells Draw

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
8-10S-17E., SLB&M

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 11-12-61 16. DATE T.D. REACHED 1-1-62 17. DATE COMPL. (Ready to prod.) Abandon 11-30-66 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* KB 5897.30' 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 8200' 21. PLUG, BACK T.D., MD & TVD 5357' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-8200' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Abandoned 11/30/66

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED _____

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>13 3/8</u>	<u>48</u>	<u>320.94</u>	<u>17-1/2</u>	<u>290</u>	<u>0</u>
<u>5 1/2</u>	<u>17</u>	<u>5394.03</u>	<u>8-3/4</u>	<u>380</u>	<u>2447.87'</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Abandoned 11-30-66

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED BW Craft TITLE General Manager, Production and Transmission DATE Dec. 15, 1966

*(See Instructions and Spaces for Additional Data on Reverse Side)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

SERIAL No.: U-38355

and hereby designates

NAME: Hiko Bell Mining & Oil Company
ADDRESS: P. O. Box Drawer AB
Vernal, UT 84078

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T10S, R17E, SLM
Sec. 8: S/2NE/4, SE/4NW/4, E/2SW/4, SE/4

Containing 360.00 acres, M/L, Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

CHORNEY OIL COMPANY

By: [Signature]
District Sec

By: D. Patel Guntke
(Signature of lessee)

VICE PRESIDENT

1860 Lincoln Street, Suite 401
Denver, CO 80295

Dec 17, 1982
(Date)

(Address)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Hiko Bell Mining & Oil Company

3. ADDRESS OF OPERATOR
P.O. Drawer AE, Vernal, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1980' FSL & 2070' FEL, Sec. 8
AT SURFACE: Sec. 8, T10S, R17E, SIM
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* RE-ENTRY	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
U-38355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
33-8 (formerly No. 1 Wells Draw)

10. FIELD OR WILDCAT NAME
White Mule Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW $\frac{1}{2}$ NW $\frac{1}{2}$ SE $\frac{1}{2}$, Sec. 8, T10S-R17E, SIM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO. **43-013-15640**

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5895.4 KB, 5885 grd.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 has 13 3/8" surface casing set at 320.94' KBM or 308196 GL
Proposed to drill out cement plugs at surface to 10', 271-371', (50" in 5 1/2" casing and 50" out of 5 1/2" casing), 2390-2490 and 5154-5263' 5 1/2", N-80, 17# casing was set in hole at 5394.03 KBM and cemented with 380 sx., and perforated from 5204-15 KB or 5192-5203' GL.
Operator plans to set a 5" K-55, 17# , 8 rd liner to 2500' and reperforate and refrac intervals 5204-15 KB. (5192-5203 GL) and place well back on production from lower Green River Formation.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: **12-8-82** Ft.
BY: *[Signature]*

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED *[Signature]* TITLE Manager Exploration DATE Nov. 18, 1982
Robert E. Covington

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:
SERIAL No.: U-50972

and hereby designates

NAME: AFE Management Inc. 2932 Edge Rock Circle
ADDRESS: 208-372 Bay St., Toronto, Ontario Salt Lake City, Utah 84117

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 10 South - Range 17 East, SLM, Duchesne Co., Utah:

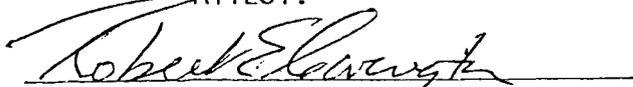
Section 5: Lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$
Section 6: All
Section 7: All
Section 8: NW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ W $\frac{1}{2}$
Containing 1,746.10 acres.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

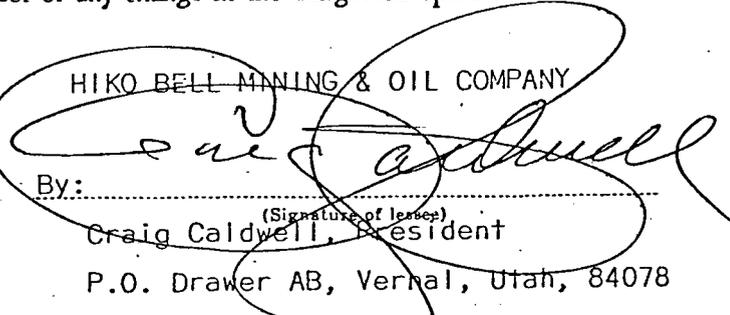


Robert E. Covington, Sec.-Treas.
(Date)

Sept. 13, 1983

HIKO BELL MINING & OIL COMPANY

By:


(Signature of lessee)
Craig Caldwell, President

P.O. Drawer AB, Vernal, Utah, 84078
(Address)



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 24, 1983

Hiko Bell Mining & Oil Company
P. O. Drawer AB
Vernal, Utah 84078

Re: Well No. # 33-8
1980' FSL, 2070' FEL
NW SE, Sec. 8, T. 10S, R. 17E.
Duchesne County, Utah
(January 1983 - August 1983)
(All Re-entry information)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure

AFE MANAGEMENT INC.

372 BAY STREET, SUITE 208,
TORONTO, ONTARIO M5H 2W9

November 3, 1983

State of Utah Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah
USA 84114

ATTENTION: Cari Furse

Gentlemen:

RE: Well No. #33-8, 1980' FSL, 2070" FEL
NW SE, Sec. 8, T. 10S, R. 17E., Duchesne County, Utah
(January 1983 - August 1983)
(All Re-entry information)

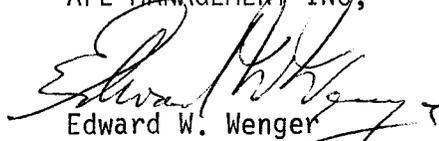
Your letter of October 24th to Hiko Bell Mining and Oil Limited has been forwarded to us for reply.

Please be advised that AFE Management is now the Operator of the above captioned well.

We wish to further advise that we do not intend to proceed with this proposed Re-entry.

Yours truly,

AFE MANAGEMENT INC.


Edward W. Wenger
President

EW:acp

c.c. Hiko Bell

RECEIVED
NOV 8 1983

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 1 1988

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL Re-enter DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Roseland Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1980 FSL 2070 FEL Sec 8, T10S, R17E S.L.B. & M.
At proposed prod. zone
NWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25 Miles South of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1980'

16. NO. OF ACRES IN LEASE
360

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
2500' *Green River*

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5885' GR

22. APPROX. DATE WORK WILL START*
June 1, 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14	13 3/8"	48	321	csg is in place
8 3/4"	5 1/2"	15.5	2500'	as required

Well has 13 3/8" surface casing set at 308'. G.L. and has been cemented to surface. 5 1/2" 17# csg was set at 5431' and cut off at 2500'. It is proposed to drill out cement plugs at surface and from 271' to 308' with a 12 1/2" bit with an air rig. At that time a workover rig will drill out cement plugs from 308' to 371' and from 2390' to 5 1/2" csg top at 2440'. A 5 1/2" csg patch will be run and 5 1/2" csg will be run to surface.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Agent for Roseland DATE May 31 1988

(This space for Federal or State office use)
PERMIT NO. 43-013-15640

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-1-88
BY: [Signature]
R615-3-2

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations

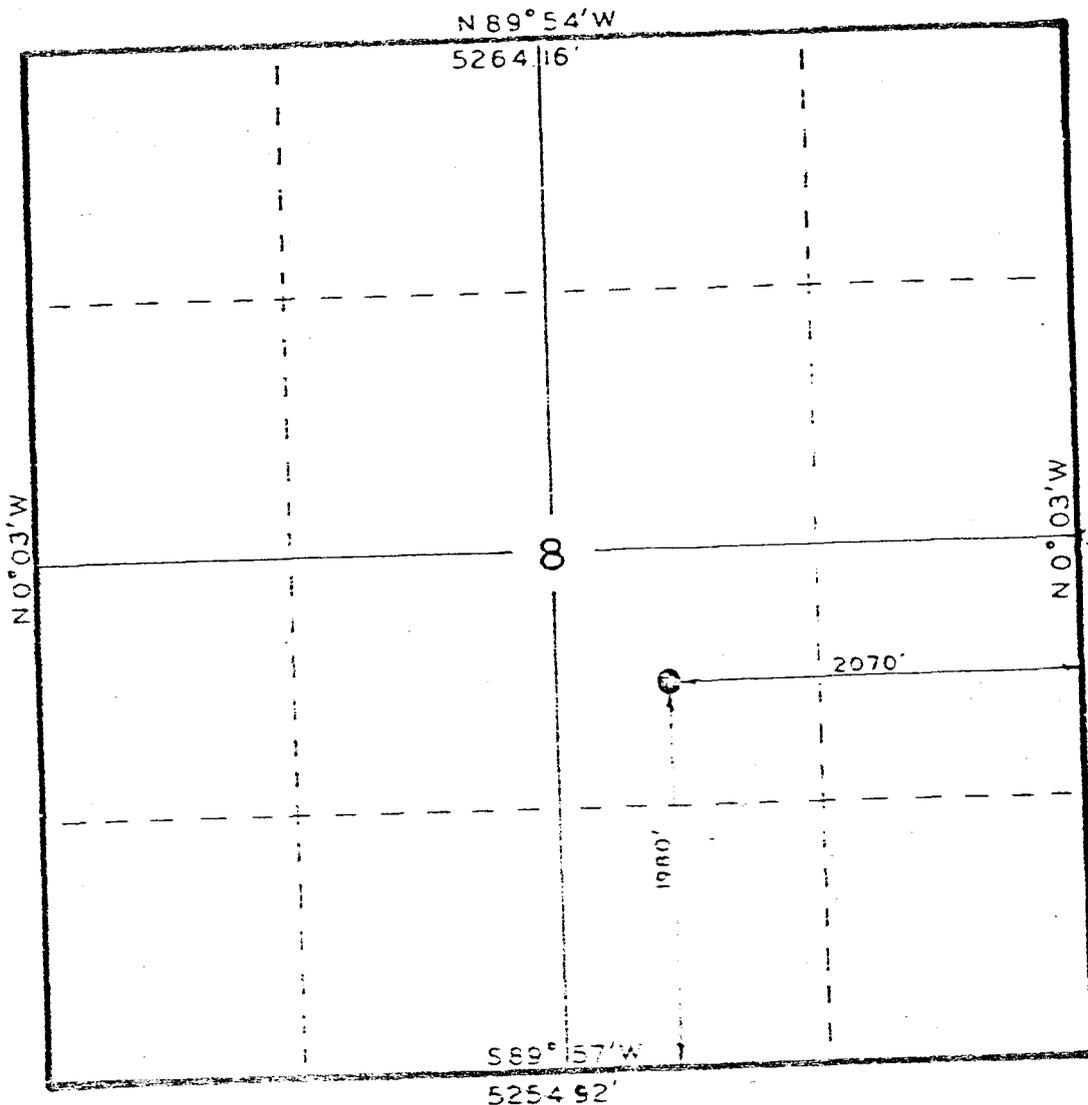
*See Instructions On Reverse Side

RECEIVED

JUN 1 1988

DIVISION OF
OIL, GAS & MINING

T10S, R17E, SLB&M



X = Corners located (brass caps)

Scale: 1" = 1000'

By: ROSS CONSTRUCTION CO.

Verona, Ohio

FASTN
L. T. Ross
F. J. Jaramilla
WEATHER Windy-Cold

SURVEY
MOUNTAIN FUEL SUPPLY CO
WELL LOC WELLS DRAW NOT LOCATED AS SHOWN
IN THE NW 1/4, SE 1/4, SEC 8, T10S, R17E, SLB&M.
RICHERNE COUNTY, OH

DATE 11/4/81
REFERENCES
GLO. Township Plat
Approved 5/25/1981
FILE MOUNTAIN FUEL

(Re-Entry)

OPERATOR Roseland Oil & Gas, Inc. DATE 6-1-88

WELL NAME Wells Draw 33-8

SEC NWSE 8 T 10S. R 17E COUNTY Duchesne

43-013-15640
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
Need water permit
Lease ok as per BLM / Uernal

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1-Water Permit



June 7, 1988

Roseland Oil & Gas, Inc.
P. O. Box 1656
Roosevelt, Utah 84066

Gentlemen:

Re: Wells Draw 33-8 - NW SE Sec. 8, T. 10S, R. 17E - Duchesne County, Utah
1980' FSL, 2070' FEL

Approval to re-enter the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

Page 2
Roseland Oil & Gas, Inc.
Wells Draw 33-8
June 7, 1988

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-15640.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved. *M.*
Budget Bureau No. 1004-0136
Expires August 31, 1985

Land No. 5AAB-6720485

AUG 10 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL Re-enter DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Roseland Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
 P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1980 FSL 2070 FEL Sec 8, T10S, R17E S.L.B. & M.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 Miles South of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 360

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 2500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5885' GR

22. APPROX. DATE WORK WILL START*
 June 1, 1988

5. LEASE DESIGNATION AND SERIAL NO.
 U-56947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Federal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Wells Draw

9. WELL NO. 33-8 (Formerly Mt. Fuel Wells Draw #1)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 8, T10S, R17E, SLB&M

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14	13 3/8"	48	321	csg is in place
8 3/4"	5 1/2"	15.5	2500'	as required

Well has 13 3/8" surface casing set at 308'. G.L. and has been cemented to surface. 5 1/2" 17# csg was set at 5431' and cut off at 2500'. It is proposed to drill out cement plugs at surface and from 271' to 308' with a 12 1/2" bit with an air rig. At that time a workover rig will drill out cement plugs from 308' to 371' and from 2390' to 5 1/2" csg top at 2440'. A 5 1/2" csg patch will be run and 5 1/2" csg will be run to surface.

Anticipated BHP is 900 psi at re-entry depth of 2500' & was 1873 psi at producing depth of 5213' per letter 6/17/88

DEPT. OF THE INTERIOR
RECEIVED
 JUNO 1 1988
 BUR. OF LAND MANAGEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *W. Allen* TITLE Agent for Roseland DATE May 31 1988

(This space for Federal or State office use)

PERMIT NO. 43-013-15640 APPROVAL DATE _____

APPROVED BY *Donald E. Kenig* TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE 8/9/88

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

Div OGrM

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Roseland Oil and Gas Inc. Well No. 33-8

Location NW/SE Sec. 8 T.10S., R.17E. Lease No. U-56947

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

Our geologic and hydrologic review of this proposal showed the Mahogany zone of the oil shale to be from 2200-2310 ft. with potential fresh water in the Uinta formation from 810-835 ft. Therefore, a squeeze job must be performed in order to isolate these resources. The casing will be perforated at + 2150 ft. and Roseland will attempt to place at least 200 ft. cmt. behind the casing if circulation can be established.

2. Pressure Control Equipment

BOPE will be tested prior to drilling out the surface casing.

Operator shall be prepared to control any pressure increase encountered after drilling out the cement plugs.

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

Vernal District Office will be notified at least 24 hours in advance of the BOPE test and the running of all casing strings.

3. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

4. Notifications of Operations

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the authorized officer. Should gas be vented or flared without approval beyond the authorized test period, Roseland Oil and Gas Inc. may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and Roseland Oil and Gas Inc. shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

5. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted if requested prior to the expiration of the original approval period.

Roseland has the right to a State Director review of these stipulations in accordance with 43 CFR 3165.3.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Craig M. Hansen (801) 247-2318
Assistant District Manager
for Minerals

Revised October 1, 1985

Date NOS Received 5/11/88

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Roseland Oil and Gas Inc.

Well Name & Number Federal No. 33-8

Lease Number U-56947

Location NW ¼ SE ¼ Sec. 8 T. 10S. R. 17E.

Surface Ownership Bureau of Land Management

B. THIRTEEN POINT SURFACE USE PROGRAM:

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain 1½ times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed per sundry notice if a producer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown (10 yr 6/3).

1. Methods for Handling Waste Disposal

Produced waste water will be confined to a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

2. Additional Information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen a well or to re-enter a well or to re-enter a reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Re-enter

2. NAME OF OPERATOR
Cochrane Resources, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980 FSL 2070 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

RECEIVED
SEP 6 1988
DIVISION OF
OIL, GAS & MINING

5. LEASE
U-56947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Federal

7. UNIT AGREEMENT NAME

8. FORM OR LEASE NAME
Wells Draw

9. WELL NO. 33-8 (Formerly Mr. Fuel Wells Draw #1)

10. FIELD OR WILDCAT NAME
Eight Mile Flat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 8, T10S, R17E, SLB&M

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-15640

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5885' G.R.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Application to re-enter the Wells Draw 33-8 was approved to Roseland Oil & Gas, Inc. on 8/9/88. Cochrane Resources, Inc. is now the operator of the lease and intends to do the re-entry work. We intend to follow the same procedure and will adhere to the conditions of approval outlined in your approval letter. Bonding requirements should be in place at this time.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE President DATE 9/2/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

8 POINT COMPLIANCE PROGRAM

WELL NAME: Roseland Federal 33-8

LOCATION: N.W. of S.E. Sec 8 T10S, R17E, S.L.M.

LEASE NO.: U-56947

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Drillout will start in the Uintah Formation. Green River at 960'.

2. Estimated Depth at Which Oil, Gas, Water or Other Minerals Bearing Zones are Expected to be Encountered:

None are expected to the re-entry depth of 2500'.

Oil production is expected at 5204' - 5215' (old perforations.) All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

The rig will be equipped with 10", 3000 PSI, double ram B.O.P.'S. Pipe rams and blind rams will be shop tested to 1500 PSI, and before drilling out from surface casing if possible. Pipe rams will be operationally checked each day, and blind rams every trip out of the hole. Accessories to B.O.P.'S. include Kelly Cock and Floor safety valve. Pressure tests will be conducted before drilling out from under casing strings if possible which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Pre-

POINT COMPLIANCE PROGRAM

WELL NAME: Roseland Federal 33-8

3. Continued:

venters will be inspected and operated at least daily to insure good mechanical working order, and this inspection will be recorded on the daily drilling report.

The District Office should be notified with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

321' of 13 3/8", 48/ft. casing is set and cemented to surface. When the well is drilled out 5 1/2" 15.5#ft. casing will be set from surface to 2440 to tie into the existing csg.

The District Office will be notified, with sufficient lead time in order to have a BLM representative on location while running all casing strings.

5. Mud Program and Circulating Medium:

0' - 2500' Drill with fresh water.

No chromate additives will be used in the mud system on Federal and Indian Lands without prior approval to ensure adequate protection of fresh water aquifers.

6. Coring, Logging and Testing Program:

No open hole logs or mud logs will be run.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all there surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases) will be submitted when requested by the authorized officer. (AO).

7. Abnormal Conditions, Bottom Hole Pressure and Potential Hazards:

No abnormal conditions or potential hazards are anticipated as none were encountered during the drilling.

8 POINT COMPLIANCE PROGRAM

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: N.A.

Spud Date: June 1, 1988

No work will start, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported to the AO within 48 hours after spudding. If the spudding occurs on a week-end or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into lined pits for a period of up to 90 days. During the period so authorized, an application for approval of the disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

8 POINT COMPLIANCE PROGRAM

8. Continued:

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43-CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, leases and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and Local laws are applicable to operations on Federal or Indian lands.

COCHRANE RESOURCES, INC.

Engineering
Wellsite Supervision
Lease Operating

P.O. Box 1656
Roosevelt, Utah 84066
Phone (801) 722-5081

October 31, 1988

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

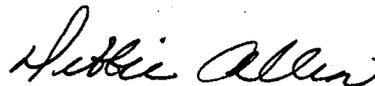
Re: Cochrane Federal 33-8 Re-Entry
Sec 8, T10S, R17E
Duchesne County Utah

43-013-15640

Dear Sir:

The subject well re-entry was started on October 29, 1988 at 9:00 am, when drilling on the surface plug started. A 9 1/2" hole was drilled to 308' which is the bottom of the existing surface casing.

Yours truly,



Debbie Allen
Vice President

RECEIVED
NOV 01 1988

DIVISION OF
OIL, GAS & MINING

RECEIVED
NOV 18 1988

DIVISION OF
 OIL, GAS & MINING

OPERATOR Cochrane Resources
 ADDRESS Box 1656
Roosevelt Utah
84066

OPERATOR CODE N7015
 PHONE NO. (801) 722 5081

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10948	43-013-15640	Fed 33-8	NW/SE	8	105	17E	Duchesne	10/28/88	
COMMENTS: <i>This is the first well for Cochrane Resources as Operator</i>											
COMMENTS: <i>Federal-Lease Field-Eight mile Flat Not in a Unit</i>											
COMMENTS: <i>Proposed Zone-Green River (Only well in sec. 8 operated by Cochrane Res. Assign new entity 10948 on 7 11-18-88. LCR</i>											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)
 - B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)
 - C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 - D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 - E - OTHER (EXPLAIN IN COMMENTS SECTION)

(SEE INSTRUCTIONS ON BACK OF FORM)

[Signature]
 SIGNATURE
President
 TITLE
11-17-88
 DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See Instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Re-Entry

2. NAME OF OPERATOR
Cochrane Resources, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84082

4. LOCATION OF WELL (Report location clearly and in accordance with all applicable requirements)*
At surface 1980 FSL 2070 FEL
At top prod. interval reported below
At total depth

RECEIVED
DEC 12 1988

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. 43-013-15640 | DATE ISSUED 6/7/88

5. LEASE DESIGNATION AND SERIAL NO.

U-56947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

33-8

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 8, T10S, R17E, SLB&

12. COUNTY OR PARISH Duchesne | 13. STATE Utah

15. DATE SPUNDED 10/28/88 | 16. DATE T.D. REACHED 11/10/88 | 17. DATE COMPL. (Ready to prod.) 11/30/88 | 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 5885 G.R. | 19. ELEV. CASINGHEAD 5885

20. TOTAL DEPTH, MD & TVD 5360 | 21. PLUG BACK T.D., MD & TVD 5360 | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS 0 to 5360 | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5204 to 5215 | 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
None run at this time | 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5 1/2"	15	2446'	8 3/4"	60 sks light 30 sks G Cement top 1800'	
Note: Existing 5 1/2" csg from 2446' to 5394'					

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
5204 - 5215 Existing Perfs

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5204 - 5215	500 gals 12 1/2% Hcl 1000 gals 12 1/2% Hcl water 50 balls

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
Dec. 1, 1988	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/7/88	24			40	15	0	375

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
None			40	15	0	40

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel. | TEST WITNESSED BY
Ken Allen

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE President DATE 12/9/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen. Drilling back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other (re-enter) **DEC 12 1988**

2. NAME OF OPERATOR
Cochrane Resources, Inc. **DIVISION OF OIL, GAS & MINING**

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980 FSL 2070 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u> X </u>		

5. LEASE
U-56947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Federal

UNIT AGREEMENT NAME

7. FARM OR LEASE NAME
Wells Draw

9. WELL NO. (Formerly Mt. Fuel Wells Draw #1) 33-8

10. FIELD OR WILDCAT NAME
Eight Mile Flat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 8, T10S, R17E, SLB&M

12. COUNTY OR PARISH | 13. STATE
Duchesne | utah

14. API NO.
43-013-15640

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

The production equipment for the well is installed on the north side of the well pad where the access road comes on to the location.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED M. Allen TITLE President DATE December 9, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen wells located in different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED
DEC 12 1988

1. oil well gas well other (revent) DEC 12 1988

2. NAME OF OPERATOR
Cochrane Resources, Inc. DIVISION OF

3. ADDRESS OF OPERATOR OIL, GAS & MINING
P.O. Box 1656 Roosevelt, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980 FSL 2070 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-56947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Federal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Wells Draw

9. WELL NO. (Formerly Mt. Fuel Wells Draw #1) 33-8

10. FIELD OR WILDCAT NAME
Eight Mile Flat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 8, T10S, R17E, SLB&M

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-15640

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Application is hereby made to maintain an unlined pit on location for emergency use. The pit will be fenced and kept clean of trash.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE President DATE 12/9/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 12-19-88

By: [Signature]

12/23/88 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4301315640 PROD ZONE: WSTC SEC TWNSHP RANGE QR-QR
ENTITY: 99998 (PA, LA, OR TA) 8 10.0 S 17.0 E NWSE
WELL NAME: #33-8
OPERATOR: N1625 (AFE MANAGEMENT INC) MERIDIAN: S
FIELD: 95 (EIGHT MILE FLAT
CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:
* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
1B. TYPE OF WELL (OW/GW/OT) OW 5. LEASE NUMBER: U-38355 LEASE TYPE: 1
4. SURFACE LOC: 1980 FSL 2070 FEL 7. UNIT NAME:
 PROD ZONE LOC: 1980 FSL 2070 FEL 19. DEPTH: 7500 PROPOSED ZONE: WSTC
21. ELEVATION: 5895 DF APD DATE: 611109 AUTH CODE: C-4(A)
 * * * COMPLETION REPORT INFORMATION * * * DATE RECD: 0
 16. SPUD DATE: 611112 17. COMPL DATE: 620101 20. TOTAL DEPTH: 8200
 18. PRODUCING INTERVALS: 5204-5215
4. BOTTOM HOLE: 1980 FSL 2070 FEL 33. DATE PROD: 620307 WELL STATUS: PPA
24HR OIL: 176 24HR GAS: 0 24HR WTR: 0 G-O RATIO: 0
 * * * WELL COMMENTS * * * API GRAVITY: 37.00
PA'D 661130. RE-ENTRY APPROVED 821208:RE-ENTRY CANCELLED 831103.
880609 RE-ENTRY TO PROPOSED GRRV ZONE EFF 6-7-88 SEE OPTION 48, NO PRODUCING
ZONE, OPER CHG TO N9735, WELL NM CHG TO WELLS DRAW 33-8:
OPTION: 21 PERIOD(YMM): 8400 API: 4301315640 ZONE: ISMY ENTITY: 0

WSTC TOP IS 5420'

SEE GREEN POST-IT

APPEARS TO ME THAT WELL ALWAYS WAS
& STILL IS GRRV.

LET ME KNOW WHAT YOU DECIDE SO I CAN
FIX THE PRODUCTION.

THANKS,

Vicky

12/23/88 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4301315640 PROD ZONE: GRRV SEC TWNSHP RANGE QR-QR
ENTITY: 10948 () 8 10.0 S 17.0 E NWSE

WELL NAME: WELLS DRAW 33-8

OPERATOR: N7015 (COCHRANE RESOURCES, INC.)

MERIDIAN: S

FIELD: 95 (EIGHT MILE FLAT

CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:

* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *

1B. TYPE OF WELL (OW/GW/OT) OW 5. LEASE NUMBER: U-56947 LEASE TYPE: 1

4. SURFACE LOC: 1980 FSL 2070 FEL 7. UNIT NAME:

PROD ZONE LOC: 1980 FSL 2070 FEL 19. DEPTH: 2500 PROPOSED ZONE: GRRV

21. ELEVATION: 5885' GR APD DATE: 880607 AUTH CODE: R615-3-2

* * * COMPLETION REPORT INFORMATION * * * DATE RECD: 881212

SPUD DATE: 881029 17. COMPL DATE: 881130 20. TOTAL DEPTH: 5360

24. PRODUCING INTERVALS: 5204-5215

4. BOTTOM HOLE: 1980 FSL 2070 FEL 33. DATE PROD: 881201 WELL STATUS: POW

24HR OIL: 40 24HR GAS: 15 24HR WTR: 0 G-O RATIO: 0

* * * WELL COMMENTS * * * API GRAVITY: 40.00

880609 RE-ENTRY SEE PPA WSTC ZONE, OPER CHG FR N1625, WELL NM CHG FR #33-8:

880908 CHG OF OPER FROM N9735 EFF 8/9/88:881118 ENTITY ADDED:

OPTION: 21 PERIOD(YMM): 8400 API: 4301315640 ZONE: ISMY ENTITY: 0

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-56947

6. If Indian, Allottee or Tribe Name
Federal

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
Wells Draw Fed 33-8

2. Name of Operator
Cochrane Resources, Inc.

9. API Well No.
43-013-15640

3a. Address
PO Box 1656
Roosevelt, UT 84066

3b. Phone No. (include area code)
(435)722-5081

10. Field and Pool or Exploratory Area
Eight Mile Flat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FSL 2070 FEL
Secd 8, T10S, R17E SLB&M

11. Country or Parish, State
Duchesne County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Emergency Pit</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

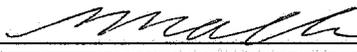
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The open emergency pit has been replaced with a 25 BBL emergency pit tank behind the 300 BBL production tank.

Attached is a new site security diagram to refelct the changes to the battery.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Ken Allen

Title President

Signature 

Date 10/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

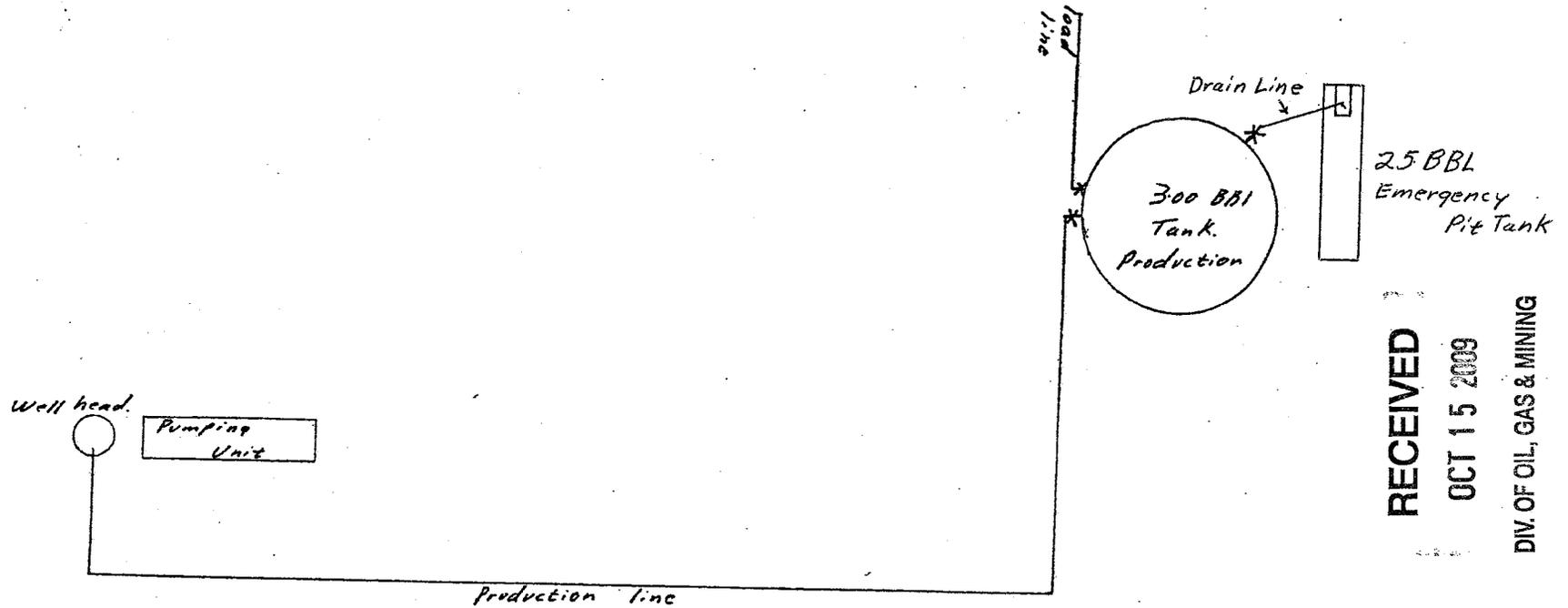
(Instructions on page 2)

RECEIVED

OCT 15 2009

DIV. OF OIL, GAS & MINING

Site Security Diagram.



load line is sealed at the Production Tank.
Production line is sealed at the Production Tank
Drain line is sealed at the Production Tank

RECEIVED

OCT 15 2009

DIV. OF OIL, GAS & MINING

Cochrane Resources Inc.
Federal 33-8 NW SE
Sec 8 TWP 10S Rgc 17 E
Tuchesne County Utah
Case # U-56947
PI # 43-013-15640