

# 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 RLJ

Copy NID to Field Office \_\_\_\_\_

Approval Letter

Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 7-3-61

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

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

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

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

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

## LOGS FILED

Driller's Log 7-18-63

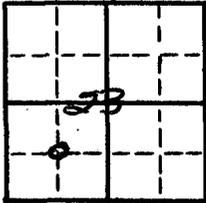
Electric Logs (No. 1) 3

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

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

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING  
SALT LAKE CITY 14, UTAH

Fee and Patented.....  
 State.....  
 Lease No. ....  
 Public Domain.....  
 Lease No. ....  
 Indian.....  
 Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

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

October 20, 19 60

Well No. #3 Byllesby is located 1401 ft. from  S line and 1270 ft. from  W line of Sec. 23

C-SW 1/4-23 T. 13 S. R. 20 E. S.L.M.  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
 Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6127 feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Plan to drill 8000' well with rotary tools to test basal

Green River sandstone 2200-2350, Wasatch Sands from 2600 - 3400, Mesaverde formation from 4700 - 6600'; unless gas or oil is encountered at a lesser depth. Plan to set approximately 300' of 13 3/8" of H-40 smls. casing T. & C., 48# and cement from top to bottom by circulating. Plan to drill 8 3/8" hole with rotary tools using water as drilling fluid to 2000' and then to use a low water loss, low solids, oil emulsion mud.

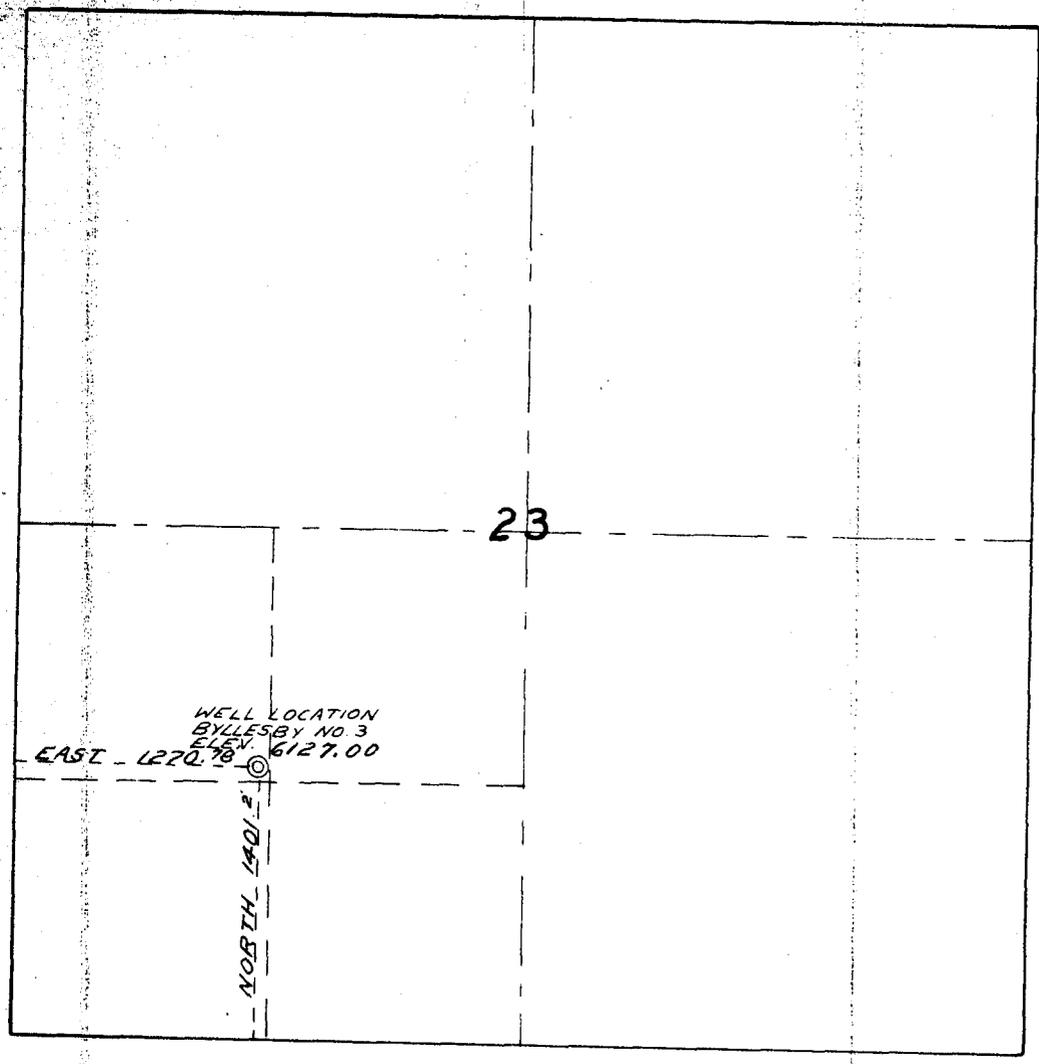
I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company H. M. Byllesby & Company

Address 135 South LaSalle Street  
 Chicago 3, Illinois  
 By Robert E. Covington  
 Robert E. Covington  
 Title Geologist

c/o Caldwell & Covington, P. O. Box 473, Vernal, Utah  
 INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

BEST COPY AVAILABLE



WELL LOCATION

BYLLESBY NO. 3

**H.M. BYLLESBY & CO. INC.**

CHICAGO, ILLINOIS

SITUATED IN NW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub>, SECTION 23

T.13S., R.20E. OF THE S. L. B. M.

UINTAH COUNTY, UTAH

SCALE 1 INCH = 1000 FEET

REF. POINT EAST 160' ELEV. 6132.65

REF. POINT WEST 70' ELEV. 6135.65

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT WAS PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED, OCT. 9 & 10, 1960

*Tom Walker*  
 TOM WALKER  
 REG. LAND SURVEYOR  
 GLENWOOD SPRINGS, COLORADO  
 CERTIFICATE NO. 1548-UTAH

*60*  
*16*

# CALDWELL AND COVINGTON

PETROLEUM CONSULTANTS  
VERNAL, UTAH

ROBERT E. COVINGTON  
CRAIG CALDWELL

October 21, 1960

PHONE 1860

Oil & Gas Conservation Commission  
State of Utah  
State Capitol Building  
Salt Lake City 14, Utah

Gentlemen:

Enclosed please find an original and one of our "Sundry Notices  
& Reports on Wells" for H. M. Byllesby & Company wells 1, 2 & 3.

Also enclosed are survey plats showing the location of the wells.

Thank you for your verbal approval by telephone to spud our #2  
Byllesby well.

Very truly yours,

CALDWELL & COVINGTON

REC:jd

  
Robert E. Covington

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# CALDWELL AND COVINGTON

PETROLEUM CONSULTANTS

VERNAL, UTAH

ROBERT E. COVINGTON  
CRAIG CALDWELL

October 25, 1960

PHONE 1060

Mr. Robert L. Schmidt, Engineer  
State of Utah - Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Re: Request for Exception to  
well spacing No. 3 Byllesby

Dear Sir:

On October 21, 1960 we enclosed Form OGCC-1, Sundry Notices requesting permission to drill our No. 3 Byllesby well in section 23 of Township 13 South - Range 20 East, S.L.M., Uintah County, Utah.

We hereby request permission to drill the No. 3 Byllesby well as an exception to paragraph C-3 (6) of the Rules and Regulations of the Oil and Gas Conservation Commission. This exception would be in conformance with paragraph C-3 (c) .

The reason for requesting the approval for the location being located less than 500 feet from a legal subdivision is that the topography is such that it would be impractical to move the location to the exact center of the 40 acres.

Further, the ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location

Very truly yours,

CALDWELL & COVINGTON

REC:jd

cc: H. M. Byllesby & Co.  
Landon B. Stableford

  
Robert E. Covington

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October 28, 1960

Caldwell & Covington  
P. O. Box 473  
Vernal, Utah

Attention: Robert E. Covington, Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. #3 Byllesby, which is to be located 1401 feet from the south line and 1270 feet from the west line of Section 23, Township 13 South, Range 20 East, SIM, Uintah County, Utah.

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

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

Please take note that should it be necessary to plug and abandon said well you are hereby requested to give advance notice of the date and time said plugging will take place to one of the following named individuals, by phone or otherwise, in order that our petroleum engineer may be present to inspect the manner in which the well is being plugged:

C. B. FEIGHT, Executive Secretary  
Office Phone: DA 860701 or DA 2-4721, Ext. 438  
Home Phone: HU 5-2721

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Caldwell & Covington  
Vernal, Utah

October 28, 1960  
Page -2-

ROBERT L. SCHMIDT, Chief Petroleum Engineer  
Office Phone: DA 8-0701 or DA 2-4721, Ext. 438  
Home Phone: AM 6-8616

Address all other forms of communication to the Utah Oil and  
Gas Conservation Commission, 310 Newhouse Building, Salt Lake  
City, Utah.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

CBF:awg

2/20

# CALDWELL AND COVINGTON

PETROLEUM CONSULTANTS

VERNAL, UTAH

ROBERT E. COVINGTON  
CRAIG CALDWELL

October 31, 1960

PHONE 1060

Mr. Cleon B. Feight, Executive Secretary  
Oil & Gas Conservation Commission  
State of Utah  
310 Newhouse Building  
Salt Lake City 11, Utah

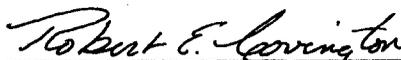
Dear Sir:

We respectfully request that all information, other than drilling depth, with regard to the No. 3 Byllesby well in section 23 of Township 13 South - Range 20 East, S.L.M., Uintah County, Utah be kept confidential within the period allowed by the State of Utah Oil and Gas Commission.

Very truly yours,

H. M. BYLLESBY & COMPANY

REC:jd

  
Robert E. Covington, Geologist

cc: H. M. Byllesby & Co.  
Landon B. Stableford

*CC*

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STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for November, 1960

Agent's address Hotel Vernal Bldg.

Company H. M. Byllesby & Co.

P. O. Box 473, Vernal, Utah

Signed *[Signature]*

Phone 1060

Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-26	12S	20E	1					Spud Nov. 8, 1960. Set 295 - 13/3/8" 48# casing (new). Cemented with 225 sacks cement. Drilling at 4815'
C-NE-SW-5	T135	20E	2					Drilling at 5355' on 11-30-60
C-SW-23	T135	20E	3					Spudded 11-12-60. Set 305' of 13 3/8", 48# new casing, cemented with 230 sacks. On 11-30-60 drilling at 3560 feet.

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

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

FILE IN DUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

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

December, 19 60

Agent's address P. O. Box 473  
Vernal, Utah

Company H. M. Bylesby & Co.

Signed [Signature]

Phone 1060

Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-26	12S	20E	1					Drilling at 6959'
G-NE-SW-5	13S	20E	2					Drilling at 7321'
C-SW1/4-23	13S	20E	3					Drilling at 6071'

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

FILE IN DUPLICATE

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

CALDWELL AND COVINGTON

OPERATOR: H. M. Byllesby & Co.

WELL: #3 BYLLESBY

LOCATION: SE-NW-SW (1410 FSL 1270 FWL)  
Sec. 23, T 13S-R20 E SLM Uintah CO., Utah

ELEVATION: 6127 gr. 6139 K.G.

COMMENCED: November 6, 1960

SET SURFACE: November 16, 1961

FROM UNDER SURFACE: November 17, 1961

TOTAL DEPTH: 6913

LITHOLOGY: Richard D. Dalrymple

CASING: Set 13 3/8" surface casing at 304' K.B. with  
230 sacks cement and 5 sacks calcium chloride.  
Ran 207 joints 7" production string set at 6897'  
K. B. with 1200 sacks pozmix.

HOLE SIZE: 17 3/4 and 8 7/8 to T.D.

CONTRACTOR: Hose-Austin Drilling CO., Casper, Wyoming

TYPE RIG: National 250. TND 14" mud pumps

DRILLING TIME: One foot by geologist

CORES: 12

DRILL STEM TESTS: 3

LOST CIRCULATION: None

WATER FLOWS: None

C  
O  
P  
Y

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## WELL HISTORY

11-6-8-60 Moving in rig.  
11-9-11-60 Rigging up  
11-12-60 Drilling rat hole  
11-13-15-60 Drilling surface hole.  
11-16-60 Running 13 3/8" casing.  
11-17-60 Nippling up.  
11-18-60 Drilling at 686.  
11-19-60 Drilling at 1236.  
11-20-60 Drilling at 1650.  
11-21-60 Drilling at 2000.  
11-22-60 Drilling at 2100.  
11-23-60 Drilling at 2498.  
11-24-60 Drilling at 2657.  
11-25-60 Drilling at 2712. Cored 34'.  
11-26-60 Drilling at 2773. Cored 59'.  
11-27-60 Drilling at 2900.  
11-28-60 Drilling at 3080.  
11-29-60 Drilling at 3330.  
11-30-60 Drilling at 3560.  
12-1-60 Drilling at 3747.  
12-2-60 Drilling at 3939.  
12-3-60 Drilling at 4030.  
12-4-60 Drilling at 4160.  
12-5-60 Drilling at 4281.  
12-6-60 Drilling at 4378.  
12-7-60 Drilling at 4505. Fishing for twist off.  
12-8-60 Drilling at 4553.  
12-9-60 Drilling at 4635.  
12-10-60 Drilling at 4666. Cored 17'. Shut rig down at 4 p.m., Dec. 9.  
12-11-60 Started in hole at 4:30 a.m. with bit to take rig off shut down status.  
12-12-60 At 4710 preparing to core.  
12-13-60 Cored 4710-4743. Drilling at 4798.  
12-14-60 Drilling at 4903.  
12-15-60 Drilling at 5005.  
12-16-60 Drilling at 5125.  
12-17-60 Drilling at 5210.  
12-18-60 Depth 5304. Cored 5258-5304.  
12-19-60 Depth 5304. Running DST #1.  
12-20-60 Drilling at 5357.  
12-21-60 Drilling at 5420.  
12-22-60 Depth 5494. Cored 5469-5494.  
12-23-60 Drilling at 5676.  
12-24-60 Drilling at 5727.  
12-25-60 Drilling at 5848.  
12-26-60 Drilling at 5918.  
12-27-60 Depth 5937. Cored 5918-5937.

12-28-60 Depth 5937. Ran DST #2.  
12-29-60 Drilling at 5984.  
12-30-60 Drilling at 6050.  
12-31-60 Drilling at 6071.  
1-1-61 Drilling at 6121.  
1-2-61 Drilling at 6153.  
1-3-61 Drilling at 6191.  
1-4-61 Drilling at 6279.  
1-5-61 Twisted off at 6336.  
1-6-61 Depth 6336. Working on drawworks.  
1-7-61 Drilling at 6370.  
1-8-61 Depth 6377. Cores 6370-77. Ran DST #3.  
1-9-61 Drilling at 6466.  
1-10-61 Drilling at 6557.  
1-11-61 Drilling at 6598.  
1-12-61 Drilling at 6627.  
1-13-61 Drilling at 6664.  
1-14-61 Drilling at 6709.  
1-15-61 Drilling at 6742.  
1-16-61 Drilling at 6757.  
1-17-61 Depth 6785. Cored 6758-85.  
1-18-61 Drilling at 6799.  
1-19-61 Drilling at 6812.

## CORING RECORD

Core #1	2659-2714	Recovered 56'.
Core #2	2714-2773	Recovered 57'.
Core #3	2773-2796.5	Recovered 13.5'.
Core #4	4635-4666	Recovered 17'.
	4635-4637	Sandstone, clean, salt and pepper, fair porosity and permeability, vertical fractures.
	4637-4639.5	Sandstone, interbedded with shale.
	4639.5-4640.5	Sandstone, clean, salt and pepper, low porosity and permeability.
	4640.5	2" shale, black, carbonaceous.
	4640.5-4652	Sandstone, med to coarse grain, clean, salt and pepper, sand grains angular, low porosity and permeability.
Core #5	4710-4743	Recovered 33'
	4710-4711	Sandstone, salt and pepper, medium grain, vertical fracturing. Blue fluorescence and slight cut along fracture.
	4711-4743	Sandstone m.g. to c.g., salt and pepper, no fluor. no shows, fair porosity and permeability.
Core #6	5253-5272	Recovered 19'.
		Cored 14'. Drilled 5'. 15 units gas. Average permeability.
Core #7	5464-5472	Recovered 8'.
		Cored 3'. Drilled 5'. 38 units gas. Ave. .80 md per ft.
Core #9	5911-5922	Recovered 11 ft.
		Cored 4'. Drilled 7'. 90 units gas. Ave. .30 md per ft.
Core #10	6361-6372	Recovered 11 ft.
		Cored 2'. Drilled 9'. 105 units gas. Ave. .87 md per ft.
Core #11	6751-6766	Recovered 15'.
		Cored 8 ft. Drilled 7 ft. 1.06 M. Perm--8 ft.
		Ave .13 per foot.

# DRILL STEM TESTS

DST #1            5259-5307            Recovered 10' gas cut mud.  
Tool open 2 hours. Initial shut in 45 min. Final shut in: 45 min.  
IFP:            80                            FFP:            60  
IH:             2726                          FH:             2726

DST #2            5913-5923            Straddle test            TD 5937  
Tool open 1 1/2 hours. Recovered 65' slightly gas cut mud.  
Initial shut in: 45 min. Final shut in: 45 min.  
IF:             46                            FF:             70  
IH:             2984                          FH:             2937

DST #3            Total depth: 6377'  
Packer set: 6363'  
Tool open: one hour  
Light initial blow - dead in ten min.  
IH:             3181            ISI:            1538  
IF:             106             FF:             106  
FSI:            194             FH:             3134

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## LITHOLOGY

- 400  
400-410 Shales, green silty, hard. Few varigated shale, red brown, green thin beds of 2% oolitic limestone with oil stains.
- 410-440 As above to traces of dark brown chert, minor thin oil shale, and thin beds salmon red. Shale with med. grain rounded quartz, trace of oil sand with dead oil.
- 440-450 Oolitic limestone, cream colored.
- 450-460 Shales silty green.
- 460-470 As above, trace of red shale with coal, trace of dead oil sand, trace of white sand, f.g., calc.
- 470-480 Shales, green, few varigated, trace of white sand, as above.
- 480-490 As above, trace of limestone, tan, dense, chert fragments, tan deep red-brown.
- 490-500 No sample.
- 500-510 Siltstone green-gray, green some varigated, tan red; minor oil shale and oolitic limestone sands, oil stained cherts.
- 510-520 Shale and siltstone, green-gray, some varigated shales and siltstone, tan, red; trace of oil shale.
- 520-530 Limestone, tan cream sands, some with much dead oil stain (dry) Limestone grades into sand in part. White salt and pepper, v.f.g.
- 530-540 Line stone, cream-tan, micro-crystalline, soft, ostracodal in part. Trace of gilsonite.
- 540-550 Limestone as above. Ostracodal and oolitic in part, and 20% green siltstone.
- 550-560 Sand white, calc., some f.g., micaceous, probably with siltstone, green, as above, low porosity and permeability.
- 560-580 Sand white, v.f.g. to f.g., as above, oolitic in part, low porosity and permeability.
- 580-600 Sand white, v.f.g., oolitic in part, white-tan, 70% differentially oil stained (dry and dead).
- 600-610 Sand as above, grades silty, and some limestone, tan, micro-crystalline, some calcite crystals.
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- 610-620 Limestone, tan, ostracodal in part, grades soft, chalk like.
- 620-630 Sand gray, differentially oil stained (dead-dry) f.g. to some c.g., slightly calc., micaceous.
- 630-640 Siltstone light green, grades sandy, and sand v.f.g. to c.g., slightly calc.
- 640-650 As above with dark green hard siltstone, sandy, non calc.
- 650-660 Siltstone dark green, blocky, hard and chalky, siltstone clastic, limestone oolitic.
- 660-670 Limestone, white chalky appearance, silty, grades sand, f.g. calc. (dead oil stain)
- 670-680 Sands gray- white, v.f.g., calc., few thin limestone, tan interbedded.
- 680-690 Siltstone, med light green and light gray, siltstone sandy.
- 690-700 Siltstone med light gray and green, and light green siltstone as above.
- 700-710 Sand, white ,f.g., uniform, calc., slightly micaceous and pyritic, minor gray-green siltstone, appears porous, sub-angular grains.
- 710-720 Sand as above, some appears salt and pepper like, porous.
- 720-730 Sand as above, grades to v.f.g. and silty.
- 730-740 Sand, white to light tan, poor to fair porosity, few thin tan limestone, dense.
- 740-750 Sandy siltstone light green , sand silty with gray-green siltstone.
- 750-760 Siltstone, gray- white, grades sandy and sand, v.f.g., interbedded with gray- green, non calc., siltstone.
- 760-780 Siltstone, med. gray with green case, minor sand as above.
- 780-790 Siltstone as above, no sand, some gray limestone, micro-crystalline, platy.
- 790-800 Siltstone, gray and dirty gray-green and gray- white, some v.f.g., sands.
- 800-810 Sandstone, white v.f.g. uniform, slightly micaceous, pyritic, non calc., probably porous in part. Variable white clay pore fillings.
- 810-820 As above, trace of dry dead oil stain.

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- 820-840 Sand as above, no stain, increase pyrite, white clay fillings probably porous in part.
- 840-850 As above, appears to be silty.
- 850-860 Sandstone as above.
- 860-870 As above, with few interbedded green-gray siltstone.
- 870-880 As above, some fair porosity, trace of heavy tan like oil.
- 880-890 Sandstone as above, grades silty in part, no stains.
- 890-910 Sandstone free, v.f.g., white, rather abundant pyrite.
- 910-920 Sandstone, v.f.g. to f.g., ostracodal in part, free sand.
- 920-930 Sandstone as above and oolitic in part, free sand.
- 930-940 Clastic limestone, v.f.g., crystalline, friable oolitic and sandstone v.f.g., free sand.
- 940-950 As above, friable oolitic and ostracodal, lime trash and 20% sandstone.
- 950-960 Elastic tan friable limestone, chalky matrix with oolitic and sandstone, v.f.g., free sand.
- 960-970 Sand, v.f.g., uniform, micaceous, free sand grain, oolitic in part.
- 970-980 Interbedded gray-green dolomitic siltstone, clastic ostracodal, oolitic, and sand conglomerate.
- 980-990 Siltstone, dark green, dolomitic, and limestone tan, v.f.g., crystalline, micro-crystalline, elastic in part, show of gilsonite.
- 990-1000 Siltstone, med. green and dark green.
- 1000-1010 Siltstone light green to med. dark green.
- 1010-1040 Siltstone with few thin sands, v.f.g., grade silty.
- 1040-1050 Siltstone 25% sand stone to f.g., tight, some limestone conglomerate siltstone.
- 1050-1060 Interbedded siltstone, gray to med. dark gray-green, with sands, v.f.g. to silty with some elastic lime.
- 1060-1070 As above, 50% sandstone.
- 1070-1080 Sandstone, v.f.g. to f.g. with some clastic oolitic limestone, grades one to the other.

- 1080-1090 Sandstone, f.g. to m.g., white, clay fillings, oolinite, has dead oil, non calc.
- 1090-1100 Siltstone, sandy to silty, v.f.g., tight.
- 1100-1110 Sandstone, white, f.g., calc., micaceous, pyritic, clay filled but porous in part.
- 1110-1120 Sandstone, white, v.f.g. to f.g., porous in part.
- 1120-1130 Sandstone, v.f.g., silty, tight, white.
- 1130-1140 As above and about 50% siltstone, gray and gray-green. some red mottles.
- 1140-1150 Sandstone, white, f.g. to m.g., calc., clay fillings, porous in part.
- 1150-1160 Sand calc. grades to siltstone, light gray.
- 1160-1170 As above.
- 1170-1180 As above and 30% dark green siltstone.
- 1180-1190 Sand, f.g., white, friable, micaceous, few med. gray siltstones.
- 1190-1200 Siltstone, light green, limy, grades sandy with oolites, few dark green silts.
- 1200-1210 Sand. white, v.f.g. to f.g., non calc.
- 1210-1240 Siltstone, red-brown and red, firm, non calc.
- 1240-1260 Siltstone, shales red-brown and varigated grays green and purple.
- 1260-1270 Siltstone, light gray, some with some conglomeratic oolitic and phosphate pebbles.
- 1270-1280 Shales and siltstone, med. light green-gray.
- 1280-1290 Sands. v.f.g., white, silty, light green in part and oolitic.
- 1290-1310 Sands. v.f.g., firm, calc., oolitic in part.
- 1310-1320 Siltstone, grades v.f.g., white, sandy, light gray and green-gray, some oolitic limestone, clastic.
- 1320-1330 Siltstone, light gray and green and med. light gray.
- 1330-1340 Chalky, silty limestone, few red shales and med. light gray silts.

- 1340-1350 As above and sandy in part, and sand. v.f.g. to f.g., calc., white, few green-gray silts.
- 1350-1360 Sand, v.f.g., white, grades to siltstone, sandy light green-white.
- 1360-1370 As above, oolitic in part.
- 1370-1380 Siltstone, med. gray to med. dark gray with light green, oolitic in part.
- 1380-1390 Shale, med. gray to med. dark gray and silty.
- 1390-1400 As above, few varigated shales.
- 1400-1410 Siltstone, pale red to red-brown, sandy, some limestone light gray and micro-crystalline.
- 1410-1420 Siltstone, light gray to hard black, blocky, few varigated silty.
- 1420-1430 Siltstone, dark red-brown, and varigated greens and grays.
- 1430-1440 Siltstones and shales, red to red-brown.
- 1440-1450 Limestone very sandy, very limy, oolitic in part, hard to soft, friable.
- 1450-1460 As above.
- 1460-1470 Sand, v.f.g., very limey, grades to limestone, shaly.
- 1470-1480 As above with considerable red and green siltstone and shale.
- 1480-1490 Shale, silty, dark green, hard, few interbedded gray, and some thin tan-gray oolitic and ostracodal limestone.
- 1490-1500 No sample.
- 1500-1510 Limestone, oolitics with siltstone, med. dark green.
- 1510-1520 Siltstone, dark green to med. gray, slightly calc.
- 1520-1530 As above to black, few tan limestone, rather dense.
- 1530-1540 As above with thin trashy clastic limestone zone and thin sand streaks, silty to v.f.g. salt and pepper, variable oil stain, dead.
- 1540-1550 Siltstone calc., med. dark gray.
- 1550-1560 As above to dark gray.
- 1560-1570 As above with thin tan-dense oolitic, ostracodal limestone.

- 1570-1580 50% sand. made up of limestone fragments and oolitic etc., hard siltstones, pyritic, dark gray-brown.
- 1580-1590 Sandstone and oolitic c.g., fragments grade back and forth.
- 1590-1610 Sandstone, white, v.f.g., uniform with thin bed, limestone clastic, (free of grains)
- 1610-1620 Limestone ostracodal - oolitic tan.
- 1610-1620 Limestone clastic as above, phosphate pellets, v.f.g. to c.g.
- 1620-1640 Limestone less clastic, only c.g., oolities etc. some gray and dark gray silts.
- 1640-1650 Siltstone and shales green and gray and 20% limestone, cream to tan, chalky clastic.
- 1650-1660 Limestone as above and limestone harder, tan oolitic, ostracodal.
- 1660-1670 Limestone micro-crystalline, tan, and shales silty and siltstone light gray to med. dark gray.
- 1670-1680 Sandstone, white, v.f.g., light gray, grades silty, calc.  
(Irv Nielson did 1700-2600')
- 2600-2610 Sandstone, tan, v.f.g. to f.g., non calc., slight salt and pepper appearance, sub-angular grains, some porosity, but mostly clay filled.
- 2610-2620 Siltstone red-brown, very slightly calc.
- 2620-2630 As above and shale, and salmon colored silty, v.f.g. sand. 10%.
- 2630-2640 Siltstone and shale as above, some vari-colored shales.
- 2640-2650 Sand. silty, v.f.g., salmon colored, calc., with trace of limestone, pale red.
- 2650-2657 Sand. white salt and pepper, f.g. to m.g., calc., some good porosity and some heavy clay fillings.
- 2657-2664 Sand. gray to white, f.g. to m.g., sub-angular, clac. salt and pepper appearance, some porosity.
- 2664-2667 Sand. gray with pink cast, v.f.g. to f.g., calc., sub-angular, grain, silty, heavy clay fillings, low porosity.
- 2667-2671 Sand. v.f.g. to occasional f.g., calc., heavy clay fillings, low porosity, salt and pepper.

- 2671-2676 Sand. gray, f.g. to m.g., calc., clay fillings, salt and pepper, appears more porous than above.
- 2676-2677 Siltstone, med. gray, only slightly calc., very finely divided, pyrite, hard.
- 2677-2679 Siltstone shaly, non calc. red-brown.
- 2679-2682 Interlaminated siltstone as above and siltstone sandy, reddish gray, calc., v.f.g.
- 2682-2685 Sand. v.f.g. to f.g., reddish gray, slightly micaceous, slightly calc., heavy clay fillings, low porosity.
- 2685-2695 Sand. v.f.g. to f.g., gray salt and pepper, calc., appears more porous than last above, some sand is f.g. to m.g. and more friable.
- 2695-2697 Siltstone, reddish gray, calc.
- 2697-2698 Siltstone, red-brown, non calc., slightly micaceous.
- 2698-2700 Siltstone, reddish gray, slightly pyrite and micaceous, grades to v.f.g. sand. silty, only slightly calc.
- 2700-2704 Siltstone, reddish brown, only slightly calc., grades to silty v.f.g., sand near base, gray with reddish cast, tight, hard.
- 2704-2705 Siltstone, red-brown, hard.
- 270-52706 As above with few gray green mottles.
- 2706-2710 Siltstone, reddish-gray, grades sandy v.f.g. gray, only slightly calc., has pale reddish cast, low porosity, heavy clay fillings.
- Core #2 2714-2773  
Core #3 2773-2786
- 2773-2775 Sand. v.f.g. to f.g., calc., gray appears porous in part, salt and pepper clay fillings.
- 2775-2780 Sand. f.g. to m.g. as above, very calc., conglomeratic, up to large pebble size. Pebbles composed of white, tan, gray chalky like limestone, dark gray micro-crystalline, sandstone has good porosity.
- 2780-2781 Sandstone, f.g. to m.g., as above, but no conglomeratic, porosity good.
- 2781-2782 Siltstone light gray, sandy, v.f.g., slightly calc., hard.
- 2782-2783 Siltstone, reddish gray only slightly sandy, hard.

- 2783-2786.5 Siltstone, red-brown, hard, blocky, non calc.
- 2786.5-2790 Siltstone, sandy, reddish tan, v.f.g., calc., non porous.
- 2790-2800 As above.
- 2800-2810 Shales and silts red-brown, few silts as above, 10% varigated shales and siltstones.
- 2810-2830 As above.
- 2830-2840 Siltstone, red-brown, varigated green-gray, 20% shales gray-green.
- 2840-2850 Sand. v.f.g. to f.g., calc., with white to gray and pale red case, somewhat salt and pepper, clay filled, but some good porosity.
- 2850-2870 Interbedded sands as above and siltstones 2830-40.
- 2870-2880 Sand. v.f.g. to f.g.
- 2880-2890 Sand. v.f.g., very hard and dense, no porosity, med. gray, slightly calc., few med. gray shales, varigated.
- 2890-2900 Siltstone red-brown, 40% and sand 20%, siltstone hard, med. light gray.
- 2900-2910 Sand. v.f.g. to f.g., hard, very tight, white-gray, with pale red cast.
- 2910-2920 50% sand and siltstone calc., gray and reddish gray, heavy white clay fillings.
- 2920-2930 Sand. v.f.g., tight, and siltstone as above.
- 2930-2940 Sands v.f.g. as above and vari-color, some red-brown siltstone.
- 2940-2960 Sand. f.g., slightly salt and pepper, light med. gray, calc., clay fillings, some spotty, fair porosity.
- 2960-2970 Sand. and 40% shale, var/ red-brown, green-grays etc., some large cluster pyrite.
- 2970-2980 Sand. v.f.g., gray to green with reddish cast, grade silty and appears silicious in part, very hard, well indurated, only slightly calc., no porosity.
- 2980-2990 Sand. v.f.g. to f.g., gray with pale red cast, variable porosity, clay fillings.

- 2990-3000 Sand., f.g., white-gray, calc., salt and pepper, sub-angular, low porosity, heavy white clay fillings.
- 3000-3010 Sand, f.g., white-gray, calc., salt and pepper, sub-angular, gray and reddish gray, firm, some appears more silicious, hard, few shales gray, varigated.
- 3010-3020 50% sand. and siltstone, calc., gray and reddish gray, heavy white clay fillings.
- 3020-3030 Sand. v.f.g., tight, and siltstones as above.
- 3030-3040 Sands. v.f.g., as above and vari-color, some red-brown siltstone.
- 3040-3060 Sand. f.g., slightly salt and pepper, light med. gray, calc., clay fillings and some spotty, fair porosity.
- 3060-3070 Sand. and 40% shale, varigated red-brown, green-grays etc., some large cluster pyrite.
- 3070-3080 Sand. v.f.g., gray to green with reddish cast, grade silty and appears silicious in part, very hard, well indurated, only slightly calc., no porosity.
- 3080-3090 Sand. as above and silts, varigated red-brown and gray-greens.
- 3090-3100 Sand. v.f.g., grayish red, hard and tight, and varigated shales.
- 3100-3110 Sand. as above, grades to sand, gray-white, v.f.g. to f.g., hard, clay fillings, low to no porosity.
- 3110-3120 Sand. f.g. to m.g., gray and tan cast, only slightly calc., very heavy clay filled, no visible porosity, slightly salt and pepper effect.
- 3120-3130 Siltstone, gray calc., and sandy siltstone, reddish gray, calc., and red-brown siltstone.
- 3130-3140 As above, but grays and red-grays are more sandy.
- 3140-3150 As above sandy to sandy silty, v.f.g., 10% limestone, tan to white dense to minor crystalline.
- 3150-3160 Siltstone red-brown, 60% gray and reddish gray sandy siltstone grade to silty, v.f.g. sand.
- 3160-3180 As above and 20% tan, f.g. rather porous sand.

- 3180-3190 Siltstones red-brown and group grades sandy, and silty tan-green or reddish gray, f.g., 25%.
- 3190-3200 Shales red-brown and silt., red-brown and silts. sandy, dirty reddish gray, micaceous.
- 3200-3219 As above, and sand v.f.g., silty tan, reddish gray, micaceous.
- 3210-3220 Sand., as above, 60% and siltstone varigated.
- 3220-3230 Siltstone, red-brown, shale also, and varigated, trace limestone red-brown.
- 3230-3240 Siltstone, red-brown, grade in color to reddish grays, sandy and to 20% shale, tan-gray, silty, trace of limestone.
- 3240-3250 Siltstone and trace of limestone, and sand, tan-green 25%, v.f.g., to flgl, probably porous.
- 3250-3260 Siltstones as above.
- 3260-3270 Siltstones as above and 20% sand. v.f.g. to f.g., probably porous.
- 3270-3280 Siltstones red-brown and light reddish sand.
- 3280-3290 Siltstones as above, shale mostly red-brown, less varigated, trace of limestone, dense, white-tan.
- 3290-3300 Siltstones as above and reddish gray silts., grades sandy to v.f.g.
- 3300-3340 As above, and sand., v.f.g., reddish tan, hard and tight, 25%.
- 3340-3350 Siltstone, red-brown, and grays, varigated, some shales same, much free sand in sample, gray siltstone grade sandy.
- 3350-3360 Siltstone, red-brown and gray, group grade sandy and to sand., 25% salt and pepper, white, v.f.g.
- 3360-3380 As above.
- 3380-3390 Siltstones, red-brown, gray silty to v.f.g., sandy, few varigated shales.
- 3390-3400 As above.
- 3400-3410 Shales, red-brown, few grays, green, etc.
- 3410-3420 Shales, red-brown and few varigated only some silty shale.
- 3420-3440 As above.

- 3440-3450 Siltstone, reddish brown, few varigated.
- 3450-3460 As above and gray siltstones, grades sandy to shale, v.f.g., dirty gray (20% of less).
- 3460-3470 Siltstone, med. brown 70%, shale varigated 10%, dirty brown, sandy siltstone, micaceous, no porosity.
- 3470-3480 Siltstone, red-brown, few varigated beds.
- 3480-3500 As above, few groups.
- 3500-3510 As above, trace dirty gray, v.f.g., calc., trace of limestone, tan.
- 3510-3520 As above, trace oft tan limestone, dense.
- 3520-3540 As above.
- 3540-3570 Siltstone, red-brown, moner gray which grades sandy, v.f.g., hard and tight.
- 3570-3580 As above with minor interlaminated tan limestone.
- 3580-3590 Sitstone, red-brown, some varigated, grades sandy to v.f.g.
- 3590-3600 As above, thin white, salt and pepper, tight, f.g.
- 3600-3610 Siltstone 80% red-brown, group - few varigated.
- 3815-3820 Siltstone as above with 50% sandstone, course black inclusions.
- 3820-3830 As above with 30% sandstone.
- 3830-3840 Red shale, trace of f.g. sandstone.
- 3840-3850 As above with purple shale, trace gray massive limestone.
- 3850-3860 Red, brown, puple shale as above.
- 3860-3870 As above with black carb. shale.
- 3870-3880 Shale as above with gray lime stone.
- 3880-3890 As above, trace med. gr. tight sandstone.
- 3890-3900 As above with light gray siltstone, calc.
- 3900-3910 As above.
- 3910-3920 Red siltstone and brown shale.
- 3920-3930 As above with trace of white limestone.

3930-3940 As above with inclusions of lime stone.

3940-3950 Varigated shales.

3950-3960 50% gray massive limestone shale

3960-3970 70% as above.

3970-3980 50% as above.

3980-3990 25% as above, trace of brown limestone.

3990-4000 Varigated shale with trace of black carb. shale.

4000-4010 Shale and trace of gray limestone

4010-4020 Shale and siltstone.

4020-4030 As above.

4030-4040 As above with 20% white and gray limestone.

4040-4080 As above, trace of limestone.

4080-4090 As above with gray shale.

4090-4100 As above.

4100-4140 As above with trace of white limestone.

4140-4151 Shale 20% limestone gray and white.

4151-4160 Shale 50% limestone gray massive.

4160-4180 Shale 20% limestone.

4180-4190 Shale 10% limestone.

4190-4210 Shale 10% limestone.

4210-4230 Shale and siltstone.

4230-4240 Shale with trace of sandstone, med. tight, course, tight, black inc.

4240-4250 Shale with trace of sandstone 20% limestone.

4250-4270 Sandstone 3%, tight, black inc., calc., 20%.

4270-4280 Shale with trace of sandstone and light gray siltstone, bent.

- 4280-4290 Shale 20% sandstone very course, tight, no apparent porosity.
- 4290-4300 Shale 50% light gray limestone.
- 4300-4310 Shale, partly soft, gray, silty.
- 4310-4330 Shale, trace of gray hard bentonite, yellow fluor.
- 4330-4360 Shale.
- 4360-4363 Circulated 1 hours @ 63, sandstone md to cs., salt and pepper, show of gas 6 units on Baroid logger. no stain offluorescence.
- 4370-4380 5% sandstone with silt and shale.
- 4380-4420 Shale mostly gray.
- 4420-4430 Shale, increase in maroon.
- 4430-4460 Maroon and gray shale.
- 4460-4470 Maroon and brown shale.
- 4470-4490 Maroon, brown and gray shale.
- 4490-4500 Maroon, brown and gray shale with trace of limestone, gray sandstone, tight.
- 4500-4505 Maroon, brown and gray shale.
- 4505-4510 Shale and siltstone, gray, hard, calc.,
- 4510-4520 As above.
- 4520-4530 Shale dark gray and siltstone light gray.
- 4530-4540 Shale gray with trace of limestone, white and chalky.
- 4540 Circulated, sandstone, course grain, clear quartz, angular, poor porosity, no show, top of Mesa Verde 4537'.
- 4540-4545 Quartz sand crystals, mostly unconsolidated, clear, course, trace very balck, (gilsonite)?
- 4545-4550 Shale, maroon and gray.
- 4557 Circulated, sandstone, fine, medium, and course grained, partly unconsolidated, medium grained has considerable black inclusions.
- 4557-4570 50% sandstone, m.g., tight, few black inclusions. 50% gray shale with trace of coal or gilsonite.

4570-4580 75% shale, some green, mostly gray, 25% sandstone, partly unconsolidated.

4589 Circulated light green and gray shale; trace of sandstone.

4589-4600 Sandstone 50% c.g., black inclusions, 50% shale.

4600-4610 As above.

4610-4630 Sandstone 75%, med to c.g., very tightly cemented.

4635-4666 Core #1, no shows.

4670-4680 Trace f.g., satl and pepper sand, no show, 70% gray shale.

6480-4685 Shale gray with trace of sandstone as above.

4685 Circulated for samples, drlg. break @4680, sandstone f.g. to m.g. no porosity, no show.

4690-4700 Sandstone m.g. to c.g., salt and pepper, trace of porosity.

4700-4710 50% sandstone as above, 50% gray shale.

4710 Circulated for samples. Drlg. break @4706'. Sandstone, m.g. salt and pepper, solid light blue fluorescense, slight cut with clay. No gas.

4710-4743 Core #2

4750-4760 Sandstone, m.g., slightly porosity.

4760-4780 As above.

4780-4790 Shale gray.

4790-4796 As above with trace of sandstone.

4796 Circulated for samples. Drlg. change @ 4791, sandstone m.g. poor porosity, no show, no gas.

to 4810 As above.

4810-4820 Sandstone as above with trace of red shale.

4820-4840 Sandstone 50% and 50% red and gray shale.

4840-4860 Sandstone, hard and tight, no porosity, black inclusions

4860-4870 Sandstone with trace of car. shale and gray shale.

4870-4880 Gray shale.

PD.

4880-4900 Shale, gray, trace of gray siltstone.

4900-4910 Shale, gray, brown and black carbonaceous.

4910-4920 Shale, gray.

4920-4940 Shale, brown and gray - 50% sandstone, v.f.g., tight, silty.

4940-4947 Sandstone, partly silty and part c.g., 25% gray shale.

4947 Circulated for samples. 50% sandstone, f.g., 50% black carbonaceous shale.

4947-4950 Gray shale and siltstone, 25% sandstone c.g.

4960-4970 Shale gray.

4970-4980 Shale gray, 20% sandstone, tight.

4980-4990 Shale, gray, 40% sandstone, tight, f.g.

4990-5000 Shale, gray and brown, 30% sandstone, tight f.g.

5000-5010 Shale gray and brown, 15% sandstone, tight, f.g.

5010-5020 Shale, brown and gray, 15% sandstone, tight, f.g.

5020-5035 Shale, brown and gray, gray siltstone.

5035 Circulated for samples. Sandstone very fine grain, tight.

5035-5040 Sandstone, silty, clay filled.

5040-5050 Shale, gray and black with 25% sandstone.

5050-5057 Circulated for samples, sandstone, f.g., black inclusions, no show.

5057-5070 Sandstone as above with shale.

5070-5080 Shale black, carbonaceous.

5080-5100 Shale, gray.

5100-5120 Sandstone, m.g., black incl. 30% shale gray.

5120-5140 Shale gray, trace of f.g. sandstone.

5140-5150 Shale gray and black, carbonaceous.

5150-5160 Shale, gray, trace of sandstone.

5160-5170 Shale with 50% sandstone, carbonaceous shale.

5170-5190 Shale gray.

5190-5200 Shale, black, carbonaceous, 30% sandstone.

5200-5220 Shale, gray.

5228 Circulated for samples, 50% sandstone, m.g., clay filled, 50% shale gray.

5228-5250 Shale, gray.

5258 Circulated for samples. Drilling break at 5253. Sandstone, m.g. 15 units gas, blue fluorescence with slight cut.

5258-5307 Core #6

5307-5350 Shale, gray, trace black carb. shale.

5357 Circulated for samples. Trace of sandstone with black carb. shale, trace of coal.

5357-5370 Shale gray.

5370-5380 50% sandstone, 50% shale, black.

5380-5400 Shale gray, trace of sandstone.

5400-5410 Shale, gray.

5412 Circulated for samples, 25% sandstone, f.g., gray, clay filled, 75% shale, gray.

5412-5420 Shale, gray.

5420-5450 Shale, gray with trace of sandstone.

5450-5460 Shale with trace of sandstone.

5469 Circulated for samples. Drilling break @5463. 40 units of gas, sandstone with weak blue fluorescence, very slight cut.

5469-5494 Core #7

5494-5500 Shale, carbonaceous.

5500-5505 Shale

5505-5520 Sandstone, car. with black shale, no show.

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5520-5530 Shale, carbonaceous.

5530-5555 Sandstone, clay filled, trace lignite.

5555-5640 Shale, carbonaceous, lignitic.

5640-5660 Shale, carbonaceous with lignite.

5660-5690 Shale with trace of sandstone.

5690-5706 Shale, carbonaceous, lignitic with 50% sandstone.

5706-5733 Core #8

5733-5745 Shale and lignite.

5745-5770 Sandstone, salt and pepper, f.g., 50% shale.

5770-5800 Shale, carb. and lignite.

5800-5810 Shale with 20% sandstone, silty, carbonaceous.

5810-5850 Shale, carbonaceous, black.

5850-5860q Sandstone, white, m.g., some lignite.

5860-5900 Shale, carb. black.

5900-5911 Shale with 25% sandstone.

5911-5918 Sandstone, f.g., white, good fluor, strong gassy odor.

5918-5937 Core #9

5937-5995 Shale, gray.

5995-6015 Shale 60% sand stone, 40% lignite.

6015-6025 Shale.

6025-6030 Trace of sandstone, mostly black shale.

6030-6090 Shale, carbonaceous, lignitic.

6090-6095 Coal

6095-6120 Shale

6120-6125 Coal.

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6125-6150 Shale, black, carb., trace of sandstone.  
6150-6155 Coal  
6155-6165 Shale, black lignitic.  
6165-6175 Coal  
6175-6210 Shale, black carb.  
6210-6225 Shale black carb., 25% sandstone, f.g., silty carb.  
6225-6240 Shale, black carb.  
6240-6245 Coal.  
6245-6285 Shale, black, carb.  
6285-6325 Shale, black, carb., with 15% sandstone, silty.  
6325-6330 Shale.  
6330-6335 Coal.  
6335-6361 Shale, black, carb.  
6361-6370 Sandstone, f.g., no fluor., 100 units gas.  
6370-6377 Core #10.  
6377-6390 Shale, black.  
6390-6400 Shale with considerable lignite.  
6400-6440 Shale, black carb.  
6440-6445 Trace of lignite.  
6445-6455 Shale.  
6455-6460 Coal.  
6460-6475 Shale, black, carb.  
6475-6510 Shale, black carb, 30% sandstone, white, f.g., no show.  
6510-6515 Coal.

6515-6555 Shale, black, carb. lignitic, 25% sandstone, silty, carbonaceous.

6555-6600 Shale, hard, silty.

6600-6625 Shale, with 50% sandstone, hard, tight, silty, f.g., no show.

6625-6655 Shale, black, carb.

6655-6695 Sandstone, gray, hard, silty, partly salt and pepper, 50% shale black, lignitic.

6695-6710 Shale black, lignitic, trace of sandstone.

6710-6720 Shale with trace of coal.

6720-6740 Sandstone, f.g., hard and tight, slightly salt and pepper, 50% shale, black, lignitic.

RESUME

BYLLESBY NO. 3 WELL

Zone No. I: 6749-6757 = 8', Perf'd with 4 dyna jets per foot.  
Sand Thickness: 19', Porosity: 10%, Water Sat.: 43%  
Fraced with 720 bbls frac fluid, 30,000# sand, 500# admite, 400# hulle.

Zone No. II: 6702-6712 = 10', Perf'd with 4 dyna jet shots per foot.  
Sand Thickness: 38', 6872-6710, Porosity: 14%, Water Sat.: 42%  
Fraced with 24,000# sand, 500# hulle, 550# admite, 420 bbls in treatment, 220 bbls of flush. Drill Stem Test: PSIP: 2444#, Gas at rate of 6000 cu. ft. per day before frac.  
ZONE # 2 A ABraSiJet Notch @ 6461

Zone No. III: 6366-6376 = 10', Perf'd with 4 dyna jet shots per foot.  
Sand Thickness: 20', 6362-6384, Porosity: 10.6%, Water Sat.: 43%  
Fraced with 18,200# sand, 450# admite, 287 bbls in treatment, flush 187 bbls.

Zone No. IV: 6010-6020 = 10', Perf'd with 3 thor jets per foot.  
Sand Thickness: 39', 6004-6043, Porosity: 11%, Water Sat.: 33%  
Fraced with 21,000# sand, 850# hulle, 550# admite, 415 bbls of treating fluid, 92 bbls of flush. Injection rate 36 bbls per min.  
Treating pressure 2800#.

Zone No. V: 5908-5918, Zone was squeezed because it was making oil.  
Sand Thickness: 46', 5894-5940, Porosity 13%, Water Sat.: 41%  
Drill Stem Test: 360 ft. oil cut diesel, 90' of clean oil, 5000 cu. ft. of gas.  
ZONE # 5A ABraSiJet 4 3/4" Holes 5488' + 5478'

Zone No. VI: 5366-5376 = 10'. Squeezed this zone  
Sand Thickness: 30', 5362-5391. Drill Stem Test recovered 120 ft. of diesel.

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Page two  
Resume  
#3 Bylesky

Zone No. VII: 5260-5270 = 10', Perf'd 3 thro jets per foot.  
Sand Thickness: 26', 5256-5282, Porosity: 12%. Water Sat.: 55%  
Fraced with 5000# sand, 2000# hulls, 450# adomite, 40 gal. free flow  
in head of frac, 278 bbls of fluid used in treatment, treating pressure  
3300#. Injection rate 31 bbls per min.

# CALDWELL AND COVINGTON

PETROLEUM CONSULTANTS

VERNAL, UTAH

ROBERT E. COVINGTON  
CRAIG CALDWELL

PHONE 1060

**CORRECTION NOTICE  
ADDITIONAL DATA  
#3 BYLLESBY WELL  
February 21, 1961**

DST No. 4: Interval 6702-6712

Correct volume of gas from 600 cubic feet per day to 6000 cubic feet per day.

Correct final shut in pressure from 2344# to 2444#. No fluid recovered.

Breakdown of FSIP:	5 min.	270#	40 min.	2306.7
	10 min.	527.5	45 min.	2366.2
	15 min.	697.6	50 min.	2388.1
	20 min.	1178.4	55 min.	2406.9
	25 min.	1797.2	60 min.	2416.2
	30 min.	2097.0	65 min.	2428.8
	35 min.	2231.6	70 min.	2435.0
			75 min.	2444.4

DST No. 5: (No. 2 test in casing, No. 5 in well)

Corrected pressures: (as differentiated from Field pressures)

IHSP:	2241.1
IFP:	144.4
FFP:	160.1
FSI	599.9
FHH:	2241.6

Recovered 360' of frac diesel.

CALDWELL & COVINGTON

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SWABBING AND FLOWING REPORT

H. M. BYLLESBY AND COMPANY

Well #3

1-23-62

Well still producing oil and water. Rods stopped tapping bottom; had to lower them 2 inches to tap bottom to prevent gas locking. Gauge: 13'1" to 13'2" in 24 Hr.

1-24-62

Well stopped pumping because it gas locked. We had to lower rods another two inches to enable them to tap bottom again. Gauge: 13'2" to 13' 3" in 24 Hrs.

1-25-62

Rods in #3 well were hitting bottom too hard and had to be picked up seven inches so they would just tap bottom. In two days, we lowered them two inches each day. On the third day it was necessary to pick them up seven inches. Gauge: 13' 3" to 13' 5" in 300 bbl tank.

1-26-62

Well pumping oil and water into separator. Separator is working properly. Gauge: 13'5" to 13'6" in 24 hr. period.

1-27-62

Well is pumping into tanks. Gauge: 13' 6" to 13' 9" in 24 hour period.

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**SWABBING AND FLOWING REPORT**

**H. M. BYLLESBY AND COMPANY WELL #3**

1-19-62

Well pumped 18 hours, making water into pit and produced 4" of oil into tanks.

1-20-62

From 12:00 a.m. until 12:00 p.m. (twelve hour test), well produced water into pit and started making oil into tanks.

1-21-62

Well is still not pumping right. It will not pump off, nor produce the fluid that it should produce.

1-22-62

Well pumping water and oil for 24 hours. We have been having extremely cold weather which followed heavy snow fall, but well has had no down time.

W  
D

## SWABBING AND FLOWING REPORT

### H. M. BYLLESBY AND COMPANY WELL #3

1-11-62

Well pumping water into pits. Waiting on parts for separator.

1-12-62

Waiting on parts from Maloney - Crawford. Welded steel plate on pumping unit motor and welded on separator.

1-13-62

Put parts in separator. Well still pumping water into pits. Well went down at 2:00 a.m. 1-14-62.

1-14-62

Started well pumping at 8:00 a.m. Separator will not unload into tanks. Working on separator for six hours.

1-15-62

Pumping for 24 hours with rods just hitting bottom because gas is locking in the pump. Separator has 80# pressure.

1-16-62

Changing dump valve on separator and starting well pumping. At 4:30 p.m. well made 2 inches in 2 hours.

1-17-62

Well pumping and the separator is partially working. Still working with separator to operate properly.

1-18-62

Well pumping 24 hours. Separator working. Well made 4 inches in 24 hour period. Pump is not pumping properly because well is not pumping off and fluid production is lower than it should be.

1-19-62

Well has produced 2-1/2" in tank since 3 p.m. yesterday. Running test today to determine production in 24 hours period.

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SWABBING AND FLOWING REPORT

H. M. BYLLESBY AND COMPANY WELL #3

1-8-62

Worked with well and separator for 8 hours. Well made three inches in 3 hours. Separator had to be bled off by hand to get it to unload. Each time separator dumped, it made 1/2" into tank. Gauge Report: 7:00 p.m. 10' 7" and at 8:00 p.m. 10' 8". Could not reach well after 8:00 p.m. because of washed out roads and snow.

1-9-62

Well was shut down at 10:00 a.m. to change oil in pumping motor and to put water into boiler. Started well to pumping at 2:00 p.m. From 2:00 p.m. until 7:00 p.m. well made 1-1/2" into tank. Shut well in at 7:00 p.m.

1-10-62

Worked on separator with Wayne Dixon. Could not get separator to function. Waiting on parts. Well is pumping water into pits. (Starting well pumping at 10:00 a.m.)

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## SWABBING AND FLOWING REPORT

### H. M. BYLLESBY AND COMPANY WELL #3

1-4-62

Started pumping well at 8:30 a.m., but well would not pump up. Bumped bottom at 9:00 a.m. and well pumped up in five minutes. Oil would not go through the separator. We worked with separator and well for 8 hours. Casing pressure at 155#, bled off to 200# in three hours.

1-5-62

Well shut down to work on separator. At 8:45 a.m. oil started going through separator into tanks. Starting pumping at 3:00 p.m. Well pumped up at 3:15 p.m. Made water for 30 minutes. Shut well in to work on separator.

1-6-62

Started well pumping at 9:50 a.m., but well would not pump up. Lowered rods 10" to 10:04 a.m. Well pumped up in four minutes. Produced water from 10:04 a.m. until 4:00 p.m. when well started making oil and water into separator. Wayne Dixon and Maloney Crawford worked on separator for 3 hours to get it to separating oil, water and gas. At 6:00 p.m. separator still was not functioning properly.

1-7-62

Made 2" of oil from 10:00 a.m. on the 6th of January until 7:00 a.m., on the 7th. Separator is still not working right.

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SWABBING AND FLOWING

H. M. BYLLESBY AND COMPANY  
Well Number 3:

12-2-61 through 12-3-61

Well shut in.

12-4-61

Gas Side: Pressure 600#. Fluid @ 5,000'. Swabbed to 6500'. Oil Side: Casing pressure 500#. Tubing pressure 150#. Kept shut in.

12-5-61

Por Side: Tubing pressure 200#. Casing pressure 575#. Ran swab. Fluid @ 1800'. Pulled swab 3 times. Well blew in. Unloaded 15 minutes. Gas lift up. Kept shut in one hour. Opened up and unloaded 30 minutes. Shut in. Gas Side: Pressure 600#. Blew down in 10 minutes.

12-6-61

Casing pressure 575#. Tubing pressure: 150#. Blew tubing down, would not unload. Ran swab in, gas side. Fluid @ 3500'. Swabbed down to 6500'. Small gas flare to surface.

12-7-61

Gas side: 625#. Blew down. Ran swab in oil side. Fluid @ 2400'. Pulled swab twice. Well unloaded. Took gas lift out.

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SWABBING AND FLOWING  
REPORT

H. M. BYLLESBY WELL #3

12-12-61

Pumping. Reseated pump.

12-13-61

Put gauge on well at 8:00 a.m. to test pressure. Well wouldn't pressure up. Started hitting bottom. Well pressured up to 100# in 5 minutes. Shut pump down for 30 minutes. Held pressure. Steady blow from well. No oil or water for 30 minutes.

12-14-61

Shut pump jack down at 10:00 a.m. until 4:00 p.m.. Started pumping, but would not pressure up. Shut pump jack down at 7:00 p.m.

12-15-61

Well pump jack shut down. Lines open into tanks.

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## SWABBING AND FLOWING REPORT

H. M. BYLLESBY AND COMPANY #3

12-8-61

Blew Casing and Tubing down. Ran in hole with wireline overshot to retrieve standing valve. Could not catch. Waiting on fishing tool. Preparing to run rods.

12-9-61

Blew casing and tubing. Ran in hole with wire line fishing tool. Retrieved standing valve. Ran insert pump and rods. Prepare to start setting pump jack.

12-10-61

Installed EMSCO Model DB-160-200-74 pump jack. Started pumping 3:00 p.m. Water pumped up in 1-1/2 hours. Pumped water 10 hours. Water depleted and changed to oil. Had trouble with separator.

12-11-61

Pumping.

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SWABBING AND FLOWING  
REPORT

H. M. BYLLESBY WELL #3

12-16-61

Well shut in. We are waiting on a pulling unit.

12-17-61

Shut in.

12-18-61

Shut in.

12-19-61

Shut in.

12-20-61

Shut in.

12-21-61

Shut in.

12-22-61

Rigged R&R up and pulled rods and started pulling tubing. Bled casing off to pull tubing. Casing pressure 600#; blew for 5 minutes and started unloading water and oil at 600#. Unloaded for 30 minutes.

12-23-61

Finished pulling tubing. Removed working barrel, put seating shoe back on tubing, and ran back into hole. Shut well down for Christmas.

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## SWABBING AND FLOWING REPORT

H. M. BYLLESBY WELL #3

12-24-61 through 12-25-61

Well shut in.

12-26-61

Well shut in waiting on R&R Well Service rig.

12-27-61

Ran new pump and rods back into hole. Started pumping. Pumped for one hour, but would not pressure up. Started bumping bottom with rods. Well pumped up in 5 minutes and pressured up to 475#. Held pressure for 1 hour. Well made for 30 minutes which was pumped into tanks, then started making water. Well g every stroke.

12-28-61

Pumping oil at 3:00 a.m. Pumped to approximately 500#. The line is frozen, so we are shutting down until 5:00 p.m. Back on production at 5:00 p.m. Well pumped off at 8:00 p.m. Gauged at 9:00 p.m. 9' 8-1/2'

12-29-61

Started well pumping at 8:00 a.m. (Down 24 h) Pumped 2bbbls oil, then went on water. Turned water into pit. At 10:00 a.m. not working right. Adjusted pump so it would bump bottom slightly until noon, but it did not help. Raised rods up. Put gauge on, and pressure rose to 500# in 20 minutes. Shut well down at 1:30 p.m.

12-30-61

Opened tubing at 8:00 a.m. Unloaded water for 30 minutes. Bled casing off to 100#. Started pumping at 9:00 a.m. Well pumped up at 10:00 a.m. Pumping oil. Pressured up pump to 500#, which held for 30 minutes. Bled off to 400#. Pumped oil for 15 minutes. Started pumping water at 10:45 a.m. Pumped water til 2:00 p.m. Started pumping oil again. Well shut down at 12:00 midnight.

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H. M. BYLLESBY WELL #3

November 3, 1961

Tubing pressure: 175#. Casing pressure: 300#.

November 4, 1961

Tubing pressure 175#. Casing pressure: 300#.

November 5, 1961

Tubing pressure 175#. Casing pressure: 300#.

November 6, 1961

Tubing pressure 175#. Casing pressure 300#.

November 7, 1961

Tubing pressure: 175#. Casing pressure 300#.

November 8, 1961

Tubing pressure: 200#. Casing pressure 500#.

November 9, 1961

Waiting on equipment to hook up tanks and flow - steam lines to separators .

November 10, 1961 through November 13, 1961

Waiting on equipment

November 14, 1961

Hooking up lines from well head to separator and setting steam generator.

November 15, 1961

Hooking up tanks. Preparing to lay flow lines to separators and lines to steam.

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SWABBING AND FLOWING REPORT

H. M. BYLLESBY AND COMPANY WELL #3

November 16, 1961 through November 19, 1961

Laying flow lines to separators and lines to steam. Casing pressure average 400#.

November 20, 1961

Setting separators and boiler. Working on lines to tank battery. Casing pressure 400#  
Tubing pressure 100#

November 21, 1961

Working on steam lines from boiler to tanks. Casing pressure: 400#. Tubing pressure: 50#.

November 22, 1961

Connecting lines from tank battery to separators and boiler. Casing pressure: 400#.  
Tubing pressure 650#.

November 23, 1961

Casing pressure remaining at 400#. Tubing pressure 650#.

November 24, 1961

Working on lines to tank battery. Casing pressure 400#. Tubing pressure: 650#.

November 25, 1961

"Gas side" Tubing pressure 1100#. Blew down in 5 minutes. Ran swab. Fluid at 3500' Swabbed down 4 hours.

"Oil side" Tubing pressure: 200#. Casing pressure: 400#. Blew tubing down in 4 minutes. Blew casing 3 minutes. Started unloading oil. Unloaded oil through low pressure separator and into tank in 2 hours. Made 15 bbls oil. Changed valve on casing. Ran swab. Fluid at 4000'. Swabbed 3 hours. Water.

November 26, 1961

"Gas side": tubing pressure 650#. "Oil side": Casing pressure 300#. Tubing pressure: 100#. Blew down tubing. Ran swab. Fluid at 4500'. Swabbed down to 5000'.

SWABBING AND FLOWING  
REPORT

H. M. BYLLESBY WELL #3

11-27-61

"Gas Side" Tubing pressure: 600#. Blew down in 10 minutes. "Oil Side" Casing Pressure: 350#. Tubing pressure: 200#. Ran swab. Fluid @ 3500#. Swabbed water 4 hours. Fired up and tested boiler and both separators.

11-28-61

Casing pressure 350#. Tubing pressure 200#. Blew tubing down and ran swab. Fluid @ 2800' Swabbed water 3 hours. Swabbed all water out and had 2,000# oil in hole. Continued to swab oil. Total production today: 2' 5"

11-29-61

Casing pressure: 400#. Tubing pressure: 200#. Blew tubing down. Ran swab. Oil standing @3300'. Swabbed 4 hours. Oil was starting up hole from 3300' to 2800'. Well starting blowing in and blew swab out of hole. Shut in with 400# on tubing. Installed intermitter. Hooked up Big Joe regulator on casing side for fuel supply to boiler. Installed fluid knockout on supply line. Dropped standing valve and gas lift down tubing. Shut in.

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## SWABBING AND FLOWING REPORT

H. M. BYLLESBY WELL #3

11-30-61

Casing pressure: 400#. Tubing pressure: 300#. Blew tubing down. Ran swab. Fluid at 3300'. Swabbed 4 hours. Water and oil. Put well on gas lift. Unloaded twice then died. Shut well in until day light. Gas side: Tubing pressure: 650# Blew down in 7 minutes.

12-1-61

Casing pressure: 400#. Tubing pressure: 200#. Ran Swab. Fluid in tubing at 4500'. Pulled swab twice. Well started blowing. Shut in with 300# on tubing. Kept shut in 3 hours. Well unloaded and gas lift up 10 minutes. Shut in 3 hours. Pressure: 200# and would not unload. Shut in for pressure build-up.

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November 3, 1961

Tubing pressure: 175#. Casing pressure: 300#.

November 4, 1961

Tubing pressure 175#. Casing pressure: 300#.

November 5, 1961

Tubing pressure 175#. Casing pressure: 300#.

November 6, 1961

Tubing pressure 175#. Casing pressure 300#.

November 7, 1961

Tubing pressure: 175#. Casing pressure 300#.

November 8, 1961

Tubing pressure: 200#. Casing pressure 500#.

November 9, 1961

Waiting on equipment to hook up tanks and flow - steam lines to separators .

November 10, 1961 through November 13, 1961

Waiting on equipment

November 14, 1961

Hooking up lines from well head to separator and setting steam generator.

November 15, 1961

Hooking up tanks. Preparing to lay flow lines to separators and lines to steam.

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SWABBING AND FLOWING REPORT

H. M. BYLLESBY AND COMPANY WELL #3

November 16, 1961 through November 19, 1961

Laying flow lines to separators and lines to steam. Casing pressure average 400#.

November 20, 1961

Setting separators and boiler. Working on lines to tank battery. Casing pressure 400#  
Tubing pressure 100#

November 21, 1961

Working on steam lines from boiler to tanks. Casing pressure: 400#. Tubing pressure:  
50#.

November 22, 1961

Connecting lines from tank battery to separators and boiler. Casing pressure: 400#.  
Tubing pressure 650#.

November 23, 1961

Casing pressure remaining at 400#. Tubing pressure 650#.

November 24, 1961

Working on lines to tank battery. Casing pressure 400#. Tubing pressure: 650#.

November 25, 1961

"Gas side" Tubing pressure 1100#. Blew down in 5 minutes. Ran swab. Fluid  
at 3500' Swabbed down 4 hours.

"Oil side" Tubing pressure: 200#. Casing pressure: 400#. Blew tubing down in 4 minutes.  
Blew casing 3 minutes. Started unloading oil. Unloaded oil through low pressure separator  
and into tank in 2 hours. Made 15 bbls oil. Changed valve on casing. Ran swab. Fluid  
at 4000'. Swabbed 3 hours. Water.

November 26, 1961

"Gas side": tubing pressure 650#. "Oil side": Casing pressure 300#. Tubing pressure:  
100#. Blew down tubing. Ran swab. Fluid at 4500'. Swabbed down to 5000'.

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SWABBING AND FLOWING  
REPORT

H. M. BYLLESBY WELL #3

11-27-61

"Gas Side" Tubing pressure: 600#. Blew down in 10 minutes. "Oil Side" Casing Pressure: 350#. Tubing pressure: 200#. Ran swab. Fluid @ 3500#. Swabbed water 4 hours. Fired up and tested boiler and both separators.

11-28-61

Casing pressure 350#. Tubing pressure 200#. Blew tubing down and ran swab. Fluid @ 2800'. Swabbed water 3 hours. Swabbed all water out and had 2,000# oil in hole. Continued to swab oil. Total production today: 2' 5"

11-29-61

Casing pressure: 400#. Tubing pressure: 200#. Blew tubing down. Ran swab. Oil standing @3300'. Swabbed 4 hours. Oil was starting up hole from 3300' to 2800'. Well starting blowing in and blew swab out of hole. Shut in with 400# on tubing. Installed intermitter. Hooked up Big Joe regulator on casing side for fuel supply to boiler. Installed fluid knockout on supply line. Dropped standing valve and gas lift down tubing. Shut in.

Confidential

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## SWABBING AND FLOWING REPORT

H. M. BYLLESBY WELL #3

11-30-61

Casing pressure: 400#. Tubing pressure: 300#. Blew tubing down. Ran swab. Fluid at 3300'. Swabbed 4 hours. Water and oil. Put well on gas lift. Unloaded twice then died. Shut well in until day light. Gas side: Tubing pressure: 650# Blew down in 7 minutes.

12-1-61

Casing pressure: 400#. Tubing pressure: 200#. Ran Swab. Fluid in tubing at 4500'. Pulled swab twice. Well started blowing. Shut in with 300# on tubing. Kept shut in 3 hours. Well unloaded and gas lift up 10 minutes. Shut in 3 hours. Pressure: 200# and would not unload. Shut in for pressure build-up.

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## SWABBING OR FLOW RECORD

10-2-61

Tubing pressure: 200# Casing Pressure: 600# Ran swab Fluid @ 3200#  
 Pulled swab 3 times Hole unloaded through tubing 10bbls Swabbed tubing  
 Recovered 12 bbls Shut in oil side and ran swab in gas side Fluid @ 4000'  
 Swabbed down to 5500 feet No show of gas Shut in for the night.

10-3-61

Tubing pressure: 200#. Casing pressure: 600# Blew tubing down Ran  
 swab Oil standing @3500'. Pulled swab 4 times Hole unloaded 15 bbls.  
 Blew pressure off casing. Let set 30 minutes. Ran swab Fluid standing  
 @ 1500'

10-4-61

Casing pressure: 600#. Tubing pressure 235#. Blew tubing down. Would not  
 unload. Ran swab. Fluid standing at 3400'. Pulled swab 4 times. Started  
 unloading 9 bbls. Continued swabbing.

10-5-61

Casing pressure 650#. Tubing pressure 50#. Ran swab. Fluid standing at  
 3800' Swabbed to 5000' in 7 hours. Made 18 bbls oil. Shut in

Casing pressure 650#. Tubing pressure: 100#. Ran swab. Fluid standing  
 at 4400'. Ran swab 3 times. Unloaded 20 bbls in 2 hours. Swabbed down to  
 5500'. Made 44 bbls in 9 hours.

10-7-61

Casing pressure 725#. Tubing pressure: 125#. Ran swab. Fluid level at  
 3500'. Swabbed down to 5500' in 8 hours. Shut in.

Shut in. Stormed out ranges.

10-9-61

Shut in. Stormed out bridges.

10-10-61

Casing Pressure 1050#. Tubing Pressure: 200#. Swabbed and unloaded 20 bbls  
 oil. Kept well open over night with 40# back pressure on separator.

10-11-61

After being open over night. Shut in. Made no oil. Ran  
 swab. Water standing at 4500'. Swabbed water to T.D. Pulled swab twice from  
 T.D. Oil broke through. Swabbed out 10 bbls of oil.

H. M. BYLLESBY WELL #3

10-12-61

Casing pressure 350#. Tubing pressure: 150#. Swabbing hit fluid at 3800'.  
Swabbed down to 5700'. Made 20 bbls oil in 9 hours of swabbing.

10-13-61

Casing pressure 650#. Tubing pressure 150#. Hit fluid at 3200 feet.  
Swabbed down to 5,00'. Drained off 14 inches of water. 10 hours Swabbing.

10-14-61

Shut in

10-15-61

Shut in

10-16-61

Casing pressure 700#. Tubing pressure 200#. Hit fluid at 2400'. Swabbed down  
to 4500'. 7 hours swabbing.

10-17-61

Casing pressure: 700#. Tubing pressure: 200#. Hit fluid at 2400'. Swabbed  
down 3500'. Well unloaded for 1 hour started swabbing after well finished un-  
loading. Swabbed down to 4500'. 8 hours swabbing.

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## SWABBING AND FLOWING

H. W. SYLLESBY WELL #3

10-17-61

Swabbed lower zone to catch sample for Dowell. Pulled 3 swabs. Shut down. No oil saver rubbers. Fluid level was 2800' from surface. On the first pull top 600' was gas cut off, bottom 400' salt water. Remainder of fluid during swabbing was salt water.

10-18-61

Resumed swabbing. Fluid then 2800' from surface. Fluid predominately salt water with small amount of dark colored emulsion which separated readily. Alcohol cut emulsion and dropped out tiny solids. Solid particles reacted with acid.

Started swabbing upper zones. Tubing pressure: 175 lbs. Bled off immediately. Fluid level 2,000' from surface. Top of fluid predominately oil with some emulsion and solid particles. Remainder of fluid clean oil. Well started unloading after third pull. Shut in.

10-19-61

Tubing pressure: 1,000# Casing pressure: 900 p.s.i. Opened to pit at 10 a.m. Fluid to surface in 5 minutes. Clean oil. Tubing pressure rose to 600# in 5 minutes after fluid surfaced. Turned well to separator and flowed for 40 minutes. Shut in with 300 p.s.i. tubing pressure. Well flowed 14 bbls in 40 minutes. Opened well again at 3 p.m. Tubing pressure: 800# Casing pressure: 900 p.s.i. Fluid to surface in 7 minutes. Caught 5 gal sample for refining. Turned to separator 5 minutes after fluid surfaced. Tubing pressure: 200 p.s.i. Well unloaded oil for 40 minutes. Shut in with 600 p.s.i. tubing pressure and 900 p.s.i. casing pressure. Well made 5 bbls to tanks during flow period.

10-21-61

7:30 p.m. tubing pressure 200# Casing pressure: 900#. Leak to Christmas tree allowed tubing pressure to bleed off.

10-22-61

Tubing pressure 100 p.s.i. and casing pressure 900# at 6:30 a.m. Bled tubing down. Rocked tubing with casing pressure. Still would not unload. Pressured up on tubing with casing and opened up casing to burn pit. Bled down to zero. Unloaded small amount of oil, then died. Tubing pressure dropped from 1,000# to 650 p.s.i. while flowing from casing. Opened tubing and bled off to zero. Did not unload. Waiting on swabbing unit.

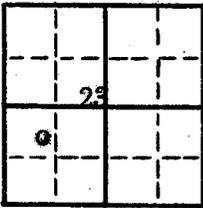
H. M. BYLLESBY WELL

10-23-61

Shut in. Drained 13" of water off oil tank

10-24-61 to 1031-61

Well shut in.



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

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State .....  
Lease No. ....  
Public Domain .....  
Lease No. ....  
Indian .....  
Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			
Report of blow out.....	X		

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

March 17, 19 61

Well No. 3 Byllesby is located 1401ft. from {N/W} line and 1270 ft. from {E/W} line of Sec. 23

C-SW/4-23                      13S                      20E                      SLM  
(1/4 Sec. and Sec. No.)                      (Twp.)                      (Range)                      (Meridian)  
Wildcat                      Uintah                      Utah  
(Field)                      (County or Subdivision)                      (State or Territory)

The elevation of the derrick floor above sea level is 6127 feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

On March 14, 1961, at 4:45 a.m., while drilling on bridge plug at 6180', bit started torquing up some, indicating that slips were being drilled on plug, relieving gas pressure below plug. Gas started blowing on mud tanks with diesel. Closed blow out preventers and went to shut down motor. Motor sucked in vapors from gas and diesel causing it to backfire, setting fire to mud tanks full of diesel oil. Fire immediately spread all over mud tanks, cellar, floor and substructure. Crews used all available fire extinguishers, but did not slow fire up in the least. After burning 40 min., derrick fell; also 6000' of N-80 tubing racked in derrick. Called fire department from Vernal, but by the time they arrived, the fire had burned out. Vernal fire department sprayed water over rig and well head, cooling off all hot iron. Contractors Insurance Co., was notified and now waiting on adjustor. None of the personnel were injured.

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

Company..... H. M. Byllesby & Co.  
Address..... 135 South LaSalle Street  
Chicago 3, Illinois  
By *Robert E. Covington* Title..... Representative.

% Caldwell & Covington, Box 473, Vernal, Utah  
INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

*Handwritten marks in top left corner*

**CALDWELL AND COVINGTON**

**PETROLEUM CONSULTANTS**

**VERNAL, UTAH**

**WELL HISTORY AND GEOLOGIC REPORT**

**H. M. BYLLESBY & CO., INC.**

**No. 3 Well**

**SE-NW-SW (1410 FSL 1270 FWL)**

**Sec. 23, T 13S-R20 E SLM**

**Uintah Co., Utah**

**OFFICE: CALDWELL & COVINGTON**

**Vernal, Utah**

**Summer - 1961**

*Handwritten number 59 in a circle*

January 23, 1961

Present operation:

Running last run of Electric logs.

Total depth:

6913'

January 24, 1961

Total depth:

6918'.

Present operation:

Ran logs, circulating, waiting on casing.

January 25, 1961

Present operation:

Waiting on casing.

H. M. Byllesby & Co.  
Mr. Arthur S. Bowos  
135 South LaSalle Street  
Chicago 3, Illinois

DRILLING REPORT  
#3 BYLLESBY WELL  
January 26, 1961

Laid down drill pipe, ran 66 joints of 7" casing. Encountered  
bridge at 2000'. Casing failed to go further. Circulated for 2 hours.  
Hole would not clean up. Coming out with casing. Encountered  
tight spots all the way up the hole. Will come out with casing  
and go back with drill pipe to condition hole before attempting to  
run casing again.

January 27, 1961

Present operation:

Conditioning mud and picking up 1/2"  
Drill pipe.

January 28, 1961

Present operation:

Conditioning hole to prepare for  
rerun on casing.

28

February 5, 1961

Checked well. Casing pressure 2000# at 8:00 a.m., opened well and flowed diesel until well bled to 0# casing pressure. Shut in well and pressure built up to 600# in 2 hours. Hooked up Dowell frac trucks. No tubing in hole. To frac down casing.

2:00 p.m.

Held safety meeting.

2:08

Pressure tested lines

2:30

Shut down to tighten head.

2:38

Pressure tested lines. Shut down to tighten 3 flanges.

3:50

Started pumping using 60 bbls diesel for breakdown. 0.5 lbs sand per gal. Casing pressure 3900#

Per M. In.

3:51 20

Incr. sand to 1.0# per gal.

3:56 23

Incr. sand to 1.5# per gal.

4:00 27

Incr. sand to 2.1# per gal.

4:06 26.5

Stop sand, start shells 0.4# per gall.

4:07.5 26

Shells in, start flush well appears to be screening out.

4:12 22.6

Spool blew up on top of B.O.P., shut down, close B.C.P.

4:17

Try flushing below B.C.P., will not go, shut down.

4:23

Shut in press

4:30

Well holding at 2000 #.

February 6, 1961

Shut well in over night. Checked well heat at 8:00 a.m. Casing pressure holding at 1875#. Opened well and let well flow through flow line into tanks. Flowed well through flow line at average of 14 barrels per hour. Pressures on casing varying with indication of surging. Went in with Empire Wire-Line service and found top of frac sand at 6755' or 2' above the base of the perforations. Came out and began going in hole with bit on end of tubing to clean out sand.

February 7, 1961

Set tubing and tubing spool down. Removed 8" preventor from well. Installed Rental 6" preventor and rotating head. Picked up tubing out of tubing spool. Picked up Kelly, rotated and pumped pipe to 6737. Circulated, well flowed back at approximately 50 barrels of Diesel. Made connection, pipe would not go down. Sand from above setting back. Now circulating again.

February 8, 1961

Circulated and rotated pipe to 6862 (top of float collar). Circulated from top of collar for four hours, recovering large quantities of sand. After four hours circulating, sand had cleared up and so pulled tubing from hole. Went back in hole with tubing and BJ production pipe. Set packer at 6865. Pressured up annulus after setting packer. Packer held. Hooked up flow line and test line. Manifoldded connections on top of tubing and prepared to swab.

19

February 9, 1961

Started swabbing, made 3 pulls, tubing partially unloaded. Coming off bottom, swabbing about 4 - 6 barrels per hour. Recovered some gas while swabbing. Pressured up tubing with rig pump to 1500#. Lost pressure probably through valves. Resumed swabbing, swabbed to 2500', shut down for darkness.

February 10, 1961

Resumed swabbing. Tubing almost full setting overnight. On third pull well unloaded 15 barrels. Swabbed from bottom of hole until 12:00 noon. Swabbing about 2 barrels per hour.

Hooked up Dowell truck to tubing. Pressured up to 4500#, could not pump in. Released packer. Lowered packer 60 ft. and found no sand. Set packer in original place. Pressured up annulus to 1500#. Pumped down tubing, formation broke at 5500#. Pumped into formation at rate of 1 1/2 barrels per min. Gradually increased to 4 barrels. Averaged 3 barrels per min. for 100 barrels. Opened tubing for tanks, flowed back 21 barrels of Diesel. Started swabbing. Made four runs with swab, averaged 6 barrels a pull. Released packer, pulled tubing. None bottom joints of tubing crooked. Caused when packer partially let loose while pumping in at 5500#. Went in with McCullough Perforating gun, perforated 6742-6762 with 4" super casing jet. 4 holes per foot.

February 12, 1961

Have 5 ft. flare.  
Present operation:

Swabbing.

February 14, 1961

Continued swabbing until noon. Released packer to come out of hole with tubing. Started to pick up tubing, well blows in.

Present operation:

Trying to get out of hole with tubing.

February 15, 1961

Filled mud tanks with diesel oil, circulated hole with rig pump eliminating gas pockets from circulating system. Pulled tubing from hole. Ran in hole with wire line to check sand fill-up, line stopped at 6857, float collar, no fill-up. Set bridge plug at 6735 with wire line. Pressured up casing to 5000#. Checked plug and preventors, they were all right. Perforated with 4 Dyna-jets per foot, 6702-6712. Closed rams. Pumped into formation. Max. pressure 4000#, broke back to 3200#, pumping 7 barrels per min. Going in hole to DST zone 6702-6712.

DST # 4  
Took DST. Tested zone 6702-6712. Hooked well packer at 6668. Tested 1 hour 15 min. Good immediate blow decreased to weak. Gas to surface in 4 min. Tested gas for 3 3/4 hours through 1/8 inch orifice which equals approximately 6000 cubic ft. Recovered no fluid. IHP: 2478, FHP: 2475, IPP: 69, FFP: 72, FSI: 2344. Set magnesium bridge plug at 6697-6699. Pressured up annulus to 5100#, held fine. Perforated with 4 Dinah jet shots per ft. from 6684-6694. Pressured up to 6100# three times, could not pump into formation.

February 17, 1961

Went in hole with bit. Drilled on bridge plug at 6699. Drilled 45 min., gas broke through. Turned to line and burned gas. Hooked up and circulated hole for 2 hours eliminating gas pockets. Resumed drilling. Drilled 4 1/2 hours with 4,000# weight before slips let loose on bridge plug. Pushed plug to 6735. Came out of hole with tubing laying

February 18, 1961

Fracted zone 6702-6712. Started sand 1 1/2<sup>g</sup> per gal. for 2520 gal. Increased sand 1 1/2<sup>g</sup> gal for 4200 gal. Then increased sand to 1 3/4<sup>g</sup> gal for 8400 gal. Followed with 500# of walnut hulls. Displaced with 260 barrels of diesel. Mixing time and displacing sand 27 min. Pumped and mixed sand at 3000#. While displacing frac material from casing, pressure increased to 3500#. Shut well in at 2350#. Used a total of 700 - 2 barrels diesel, mixing sand, hulls, and displacing sand from casing. After setting 20 1/2 hours, pressure dropped to 1225#. Opened well to tanks, pressure dropped to 0# in 15 min. and flowed back 28 barrels of diesel in 15 min. Next 15 min. flowed back 17 1/2 barrels diesel.

February 19, 1961

Well flowed back approximately 140 barrels of diesel. Still flowing small flow when going in hole with bridge plug. Set bridge plug at 6670. Pressured up, plug did not hold. Went back in with another bridge plug and set at 6530. Pressured up to 5000#, plug held. Went in hole with Dinah jet gun to perforate. Interval 6365-6378, gun did not fire, came out and went in hole and shot a 10 ft. zone from 6366-6376. Pressured up to 4000#, formation broke and immediately dropped to 2300. Going in hole with DST. Cleaning all threads and collars while going in hole.

February 20, 1961

DST 5: Perforations from 6366-6376. Set packer at 6328. Tool open 2 hours. Gas to surface in 3 min. Good initial flow decreased to fair during test. Measured gas for 1 hour through 1/8" orifice. Measured 18,500 cubic ft.

IHM	2344
FHM	2232
IF	144
FF	161
PSI	600

Recovered 36' gas cut diesel.  
Frac'd zone.

February 21, 1961

After well had been shut in 19 hours, well had 1400# pressure. Flowed back 7 barrels of diesel in the first hour. Flowed back total of 23 barrels and then went in with wire line to check sand top. Found top of sand at 6370. Came out of hole and went in with bridge plug and set at 6210. Pressured up casing, plug would not hold. Went in hole with second bridge plug at 6115'. Plug stuck, could not go up or down, set plug at 6115'. Pulled setting tool off plug. Setting tool hanging due to sand and circulating fluid. After working tool trying to free it, line pulled from rope socket leaving setting tool in hole at approximately 6000'. Went in hole with tubing and overshot and found fish at 6100'. Fish had dropped back on bridge plug. Attempted to get on fish, came out of hole but did not have fish. Overshot appears to be too small. Preparing to go in hole to catch fish.

February 22, 1961  
Went in hole with tubing and different type arrowshot and picked up fish at 6115. Laid down fish and went in hole with tubing and 6 1/8" Reed cross section bit. Drilled up bottom drill out bridge plug at 6115 and pushed remainder to 6210. Now drilling on plug. Running 5000# of weight.

February 23, 1961

Drilled up first plug at 6115; drilled to top of second plug at 6210. Drilled on plug 16 hours with 5000# of weight. Bit started locking up, slips from first plug locking cones on bit. Made trip with tubing for new bit. Drilled and loosened plug at 6210. Drilled and pushed plug to 6279. Now drilling on plug and sand.

February 24, 1961

Drilling on bridge plugs. Pushed sand and plug to 6521 at 4:45 p.m. Circulated for 45 min to check for sand in the flow line. No sand present. Came out of hole with tubing to set bridge plug. Out of hole at 9:30 p.m. Bridge plug set at 6180. Came out of hole with setting tool. Pressured up on bridge plug to 5000# to check for leaks. Plug seems to be holding. Went in hole with torpedo jet, 3 holes per foot. Perforated from 6010-20. Breakdown pressure 5000# for four min. Breaking after 4 min to 1900#. After 4 min. 1600#. With one Alison pump truck, full throttle, displaced approximately 20 barrels of #2 diesel at 2500# pumping pressure. Shut down pump, well went on vacuum at 12:15 p.m. Prepared well for DST. Well pressured up to 1675#, pressure could not go in hole for DST. Rig up flow lines and bled well off. Pressure comes back in 30 minutes shut in to 5000#. Well flowed back approximately 20 barrels #2 diesel. Present operation Preparing to frac with 4 Alison pumps.

February 25, 1961

Fraced with 11,000 gal. #2 diesel, 21,000 lbs sand, 550 lbs admite. Pumped 20 bbls diesel at 30 bbls. per minute at 3200# pressure. Injection rate during frac, 30 bbls per minute. Pressure dropped from 3100 to 2700 then increased to 5000#. Flowed well back, then pressured up and pumped 46 bbls flush oil at 3500-5000#. Then flowed back and pumped another 46 bbls diesel. Pressure 3900-5000#. Standing pressure after 30 min. 3000#. Well shut in 2 hours. Went in hole with wire line to check fill up. Found sand at 6011. Set bridge plug at 5986. Evidently did not hold. Pressured up to 5000#, bled back to 4000 in 10 minutes. Went in hole with 10' Super casing jets. Hit sand bridge at 5411, left jets in hole. Went in hole with tubing and bit and cleaned out sand bridge and sand to 5986. Now circulating before coming out of hole.

February 26, 1961

34  
Finished cleaning out and circulated for 2 hours. Set Baker Model "N" B.P. at 5961 (Schlum). Pressure with 5000#, held fine. Ran in with 10' string Thor jets, 3 per foot. Lost string in sand while going down to check collar at 5934. Pulled out. Perf'd 6 Dyna jets 10' foot, 5908-5918 (Schlum). Broke down at

February 27, 1961

DST #6. Perforations--5908-5918. Set packer at 5889. One hour initial shut in pressure. Tool open 2 hours. One hour final shut in pressure. Gas to surface in three minutes--burn 2' flame. Measure gas through 1/8" orifice.

1/2 hour:	3890	caft
1 hour	5220	"
1 1/2 hours:	5590	"
2 hours:	5220	"

Recovered 450' of fluid--5 stands or 300' of diesel. 1 1/2 stands oil cut diesel or 90' approximately 10% oil cut.

IHP:	2100#	FHP:	2037#
ISP:	754#	FSP:	157#
IFP:	62#	FFP:	109#

Oil appears very high pour point  
Shut down waiting on Dowell squeezing equipment.

February 28, 1961

Shut down, waiting on Dowell truck from Farmington, New Mexico to squeeze perforations 5908-5918. Truck arrived at location at 6:00 AM. Ran tubing in hole with squeeze packer set at 5756'. Pressured up annulus to 1500#. Pumped into formation at 2100#.

Present operation: Mixing cement for squeeze job.

March 1, 1961

Squeezed perforations from 5908-5918 with 100 sacks of Neat cement with 1% D-23 and 3/10 of 1% D-22. Cement was on formation 2 hours and 20 minutes until maximum pressure of 5000# was obtained. Minimum squeeze pressure was 1800#. Staged cement 2 hours 20 minutes. Reversed 5 barrels or 25 sacks of cement from tubing. Left 120' of cement in casing above perforations. Went in hole and set bridge plug at 5630. Then went in hole and perforated 5366-5376 with 4 T-J shots per foot. Pumped into formation with two Allison trucks; 60 barrels of oil at 18 barrels per minute with 2500# pressure. Breakdown pressure 4000#. Went in hole for DST #8, testing perforations 5366-5376. Packer set at 5337. One hour initial shut in pressure time. Test, two hours. Two hours Final shut in. Weak blow, no gas to surface. Coming out of hole.

35

March 2, 1961

Recovered 120' of diesel. All pressures at 0#. Squeezed perforations 5366-5376, Howco method. Set Halliburton packer at 5265. Mixed 100 bags Neat cement. Displaced all cement except 8 barrels and then started staging cement. Pressure started at 1800# and gradually in 5 stages, built pressure up to 5000# standing pressure. Staged cement one and one-half hour. Released pressure then pressured up to 5000#. Pressure holding OK. Reversed circulation, displaced water from tubing. Left 1 1/2 barrels of cement above perforations. Job completed 1:00 a.m. March 2, 1961.

March 2, 1961

Perforated from 5260-~~5270~~<sup>5270</sup>, 3 torpedo jets per foot. Start breakdown and pressure to 5000 psi with no break. After about 30 seconds the pressure broke from 5000 psi to 2900 psi. Resumed pumping and one pump full throttle at 8 1/2 BPM at 3150. Pumped 33 bbls of No. 2 diesel and then shut down. Instantaneous shut in pressure was 2900 psi and held at 2900 for five minutes and then pressure released.

March 3, 1961

Perforated with 4 - T.J. shots per foot--5260-5270. Left 3/4" x 5' rod from setting tool in hole. Hooked up one Allison truck to annulus and broke formation down at 5000#. Pumped into formation 8 1/2 barrels per minute at 3100#. Bled off pressure. Went in hole for DST #9. Testing perforations--5260-5270. Set packer at 5245. Fair initial blow. Very small amount of gas to surface in five minutes. Not enough to measure. Tool open 1 hour 10 min.

IHP: 1881  
IFP: 62  
FSP: 157

FHP: 1881  
FF: 109

Recovered 420' of slightly gas cut diesel with trace of water. Went in hole with 6" OD fishing basket to fish for 3/4" rod left in hole. Basket stopped at 5270'--bottom of perforations. Came out of hole and went in with 5 1/2" O.D. magnet run on wire line. Magnet stopped at same place. Came out of hole and went in with 4" O.D. shooting gun. Stopped in same place.

March 4, 1961

Went in hole with bit on tubing to check on cement fill-up after squeeze and to locate steel rod dropped in hole off perforating gun. Landed on steel rod and cement at 6268, 2' up in the perforations. Drilled 30' on steel rod and cement to 5298. Came out of hole with tubing and prepared for frac. Fracing interval 5260-5268.

MARCH 3, 1961

Fraced with four Dowell trucks. Pressure broke at 4000#, broke back to 3200#. Started sand one lb per gal and pumped 154 barrels pressure rose to 4000# and gradually decreased to 3200#. Materials used 5000 lbs of sand at one lb per gal; 2000 lbs of hulls at 3 lbs per gal; 40 gals of free flow; 450 lbs of adomite; 548 barrels of diesel. Final shut in: 2850. Shut in after one hour: 2400. Released pressure. Went in hole for DST #10. Recovered 4100' of gas cut diesel.

IH:	1912	FH:	1803
IF:	345	FF	1475
ISI:	345	FSI:	1552

Took 30 min. initial shut in. Opened tool, good initial blow, decreased to weak in one hour. Rigged up to swab. Swabbed fluid from hole. Swab would not go past 1050 due to cement in collars and walls of tubing from squeezing.

March 6, 1961

Removed swab cups from swab. Ran sinker bars and swabbed bottom. Tried several times to try and loosen cement. Shut well in overnight. Opened well, very small amount of gas to surface. Ran swab in hole, stopped at 1050. Pulled tubing and test tool from hole. Stood tubing in derrick. Picked up new string of tubing and went in hole with packer and set at 5181. Waiting for daylight to start swabbing again.

March 7, 1961

Swabbed tubing to bottom. Swabbing to tank, swabbed approx. 32 barrels. Well showed some gas while pulling swab. Started swabbing from bottom, swabbing to pits approx. 3-4 barrels per hour of slightly gas cut diesel. Fluid decreased each pull until no fluid was recovered swabbing. Made three dry runs getting small amount of gas each pull, but no fluid. Released packer and pulled new string of tubing and racked in derrick. Went in hole with bit and old string of tubing, found fill up at 5288. Drilled 10' of sand then found cement and rod at 5298. Drilled on cement and rod to 5331. Bit torque up some. Recovered some small iron cuttings. Started drilling at 2 a.m.

March 8, 1961

Drilled on rod and cement to 5602, occasionally getting some small iron cuttings. Came out of hole with bit. Going back in hole with packer on tubing. Light plant down since 2:30 a.m.

March 9, 1961

Set packer at 5296. Pressured up tubing to 4000#. Pressure bled back slowly to 3600# and remained there. Released packer and pulled tubing above perforations to 5260-5270. Set packer at 5240. Mixed 30 gals. of free flow mixture and then set packer. Pumped into perforations at 4000#. Pumped 60 bbls. of free flow mixture into formation. After shutting well in, pressure dropped to 3600# immediately, then dropped to 2800# in ten minutes and 2300# in twenty minutes. Left well shut in until 7:00 a.m. Opened well, very little pressure.

March 10, 1961

Swabbed to 1500 ft. Swab would not go to bottom. Removed cups from swab and ran sinker bars. Swab stopped in the same place. Pulled tubing and went in hole with packer on new string of tubing and set at 5224. Swabbed to the bottom with four pulls, then made two dry runs with swab. Pulled swab every hour. Recovered mostly water on first pull; pulls there after were mostly diesel with small amounts of gas. Recovered 3/4 bbls. of diesel per pull.

March 11, 1961

Pulled tubing and packer from hole and racked new string of tubing in derrick. Went in hole with old string of tubing and bit. Drilled 5602-5630--top of plug. Drilled and loosened plug at 5630 and drilling down to 5800. Drilled on plug and cement. Cement from squeezing perforations 5908-5918. Have recovered large quantities of magnesium and iron from hole. Now drilling ahead.

March 12, 1961

Made trip for a new bit. Drilled 30 hours with this bit, bit still in fair condition. Worked on 4" high pressure valve on flow line. Now drilling on cement 5915.

March 13, 1961

Drilled plug at 5961 and pushed to 5986. Drilled and pushed plug from 5986 to 6180. Now drilling on plug at 6180. Well showing considerable gas after drilling plugs at 5986.

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March 14, 1961

At 4:45 a.m. while drilling on bridge plug at 6180', bit started torquing up some, indicating that slips were being drilled on plug, relieving gas pressure below plug. Gas started blowing on mud tanks with diesel. Closed blow out preventers and went to shut down motor. Motor sucked in vapors from gas and diesel causing it to backfire, setting fire to mud tanks full of diesel oil. Fire immediately spread all over mud tanks, cellar, floor and substructure. Crews used all available fire extinguishers, but did not slow fire up in the least. After burning 40 minutes, derrick fell; also 6000' of N-80 tubing racked in derrick. Called fire department from Vernal, but by the time they arrived, the fire had burned out. Vernal fire department sprayed water over rig and well head, cooling off all hot iron. Contractors Insurance Co. was notified and now waiting on adjustor.

March 15, 1961

#3 BYLLESBY WELL

Waiting on insurance adjustor. Cleaning and clearing up debris around rig.

March 16, 1961

Waiting on insurance adjustor. Preparing to pump down hole and kill well.

March 17, 1961

Waiting on insurance adjustor.

March 18, 1961

Mixing inverted oil emulsion mud. Having some trouble getting mud to proper weight and viscosity. Shut down at night since no lights are available. Resumed mixing at 7:00 a.m. Well unloaded sometime during the evening leaving a spray of green oil around well.

March 19, 1961

Mixed 360 barrels of invermul inverted oil emulsion mud weighting 9.4 to 9.8 pounds per gallon. Pumped 225 barrels invermul mud in hole. Killed well.

March 20, 1961

Moved off rig which went through fire. Preparing to move U-34 rig from Rangaly to location.

March 21, 1961

Moving in and rigging up rotary tools.

March 22, 1961

Rigged up rotary tools and raised mast. Moved in 400 bbl. upright tank for circulating tank. Hooked up tank and pump 130' from hole. Grading location for U-34 rig.

March 23, 1961

Finished rigging up rotary tools. Went in hole with 7" spear to latch onto 7" casing and relanded in the casing spool. Set slips at 140,000#. Released spear and came out of hole. Made up overshot and went in hole to fish for tubing. Latched on fish but could not pull out of hole. Worked pipe for 2 1/2 hours. Pulled up and backed tubing off. Well blew in immediately after backing off tubing. Closed blow out preventors and killed motors. Well bridged off and died. Rigged up flow lines and pumped down well to circulate.

March 24, 1961

Pulled tubing from hole. While backing off on tubing, four drill collars backed off and were left in the hole. Going in hole with overshot to fish for collars. Set rotary table and assembled chain and installed rotating head. Hooked up flow line to stand pipe. Hooked up line from rotating head to tanks.

March 25, 1961

Went in hole with tubing and four drill collars and overshot. Could not pick up fish with 4" slip in overshot. Came out of hole, changed slip and overshot to 3 3/4". Went back in hole. Circulated 2 1/2 hours clearing gas pockets from mud. Picked up fish and came out of hole. Now breaking down fishing tools and drill collars.

March 26, 1961

Laid down drill collars, fishing tools, and crooked tubing. Went back in hole with tubing, four drill collars and bit, and strapping pipe while going in hole. Rigged up Kelly, swivel, stand pipe, bluey line and etc. Bit stuck at 6500'. Circulated hole 2 1/2 hours waiting on rotary drive for rotary head. Started drilling - drilling slowly on parts of plugs previously drilled - torqueing up drill pipe. Drilled and loosened plug at 6530. Now drilling and pushing plugs at 6536.

March 27, 1961

Drilling on plugs and pushing same ahead at 6680. Plug drilled and loosened at 6670. Possibly have plugs on sand from frac job on perforations at 6702-6712.

March 28, 1961

Drilling at 6737' on last bridge plug. Preparing to run casing scraper and set retrievable bridge plug and start swabbing well.

March 29, 1961

Drilled plugs at 6735 and cleaned out hole to 6850. Went in hole with casing scraper, scraping all perforations to 6250. Circulated hole 2 1/2 hours. Coming out of hole - laying down tubing.

March 30, 1961

Laid down 2 1/2" tubing used for drilling string and casing scraper. Removed rotating head and blow out preventors from cellar. Installed tubing spool. Now running 2" tubing for production string with retrievable production packer. Approximately 4700' of tubing in the hole.

March 31, 1961

Finished running 2" tubing and set retrievable packer at 5245 and bottom of perforated nipple at 6741. Installed tree, hooked up flow line and bluey line and started swabbing. Swabbed down to 4000' of 2" tubing and packer failed approximately 43 barrels. Resumed swabbing. Swabbing down annulus with the tubing. At 100 barrels interval mud swab back, when motor on swabbing unit failed. Well showing some gas at this time. Pulled remainder of swab line from hole with trucks. Now rigging up another swabbing unit which arrived on location at 6:00 a.m.

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April 1, 1961

Resumed swabbing at 11 a.m. Made two pulls at about 4000'. Well started flowing back mud, diesel, gas and some water. Well flowed about 2 1/2 hours and stopped. Resumed swabbing getting mud, diesel, and gas each pull. Swabbed well to bottom, gas varied from small amount to large amount each pull. Have been swabbing from bottom since 11 p.m., getting approximately 3 runs every 2 hours.

April 2, 1961

Swabbing, making one pull per hour. If more than one pull is made per hour, no fluid is recovered. Swabbing mostly diesel sometimes small amount of water. At 7:00 p.m. and 6:30 a.m. while swabbing well unloaded large amount of water followed by good gas blow. Flow in each case started with 175# of blowing pressure and decreased to 0# in 45 min. Shut well in for one-40 minute period. Shut in pressure 15# at the end of this period.

April 3, 1961

Ran swab line with sinker bars to bottom of stinger to check for sand fill up in tubing. No evidence of sand. Ran swab line in and checked same on daphthometer. Swab stopped at 5250 which is the production packer. Set down on packer several times but swab would not go through. Pulled swab from hole and laid down all swabbing equipment. Hauled 60 barrels of diesel to mud tank. Mixed batch of invermal mud and after adding water have total of 90 barrels of mud. Mud weight: 9, Viscosity: 70. Hooked up lines to wall. Preparing to kill well and remove packer from hole.

April 4, 1961

Opened valve on tubing, had 40# of pressure. Opened valve on casing, had 0# pressure. Eled pressure off tubing and well flowed back some diesel. Pumped 60 barrels of mud down tubing and well pressured up to 750#. Waited 5 min. and tried pumping in again and well pressured up to same pressure. Opened valve on casing with line turned to burn pit at 100# flowing pressure. Well flowed back 45 min. before decreasing to 0#. Flowed good flow of gas with some water and diesel. Pumped 90 barrels invermal mud down annulus. Removed remainder of tree, installed blow out preventors with 2" rams and unseated packer. Pulled tubing from hole up to the packer. After examining packer, found swags had "egged" and frac sand in packer assembly and swab would not go through. Pulled packer and remaining anchor from hole. Pumped 20 barrels invermal mud in hole. Ran United wire line in hole to check for sand fill-up. Checked bottom at 6833. Went back in hole with tubing and Halliburton R-3 packer. Set packer at 5190 with 3' perforated nipples at 6379 and bottom of perforated stinger at 6699. Set tubing down in tubing spool. Removed blow out preventors, installed Christmas tree and hooked up flow line. Preparing to swab.

H2

April 5, 1961

Started swabbing at 9:00 a.m. Swabbed down to 4500' and the well started kicking the heavy mud from the hole. Would unload from 30 to 45 min. with good gas blow. Kept swabbing after each blow had died down recovering large quantities of diesel and mud followed by good gas blow. Some gas blows estimated above two million cubic feet. Now pulling swab after each blow dies down, recovering large amount of diesel followed by good gas blow as above.

April 6, 1961

Tearing down and moving out U-34. Ran swab until 4:00 p.m. Swabbing unit is too slow in pulling swab from hole and therefore will move this swab unit out and move a R & R swab unit in tomorrow to finish swabbing operations.

April 7, 1961

Tearing down and moving out rotary tools. Surface pressure on well 800#.

April 8, 1961

Flowing and testing.

April 9 to April 14, 1961

Flowing and testing.

May 4, 1961

Installed plunger lift.

May 12, 1961

Loaded up with fluid. Shut in to build up pressure and unload tubing.

May 31, 1961 to June 13, 1961:

Testing on intermitter.

June 14, 1961

Shut in. Moving in rig.

June 15, 1961

Rigging up. Will deal complete.

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COMPLETION REPORT

# 3 BYLLESBY WELL

June 21, 1961

Pressured up to 500 lbs. on tubing with salt water. Unseated Halliburton R-3 Packer. Displaced inermul mud in hole with salt water. Hauled inermul mud and stored same in a 400 bbl. tank at # 1 location. Pulled out hole. Laid down packer. Picked up one 4 3/4" drill collar. Ran in hole and found fill at 6780. Pressure cleaned out to float collar at 6862. Circulated on bottom to clean out hole. Preparing to clean out and run drill stem test.

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June 22, 1961

Circulated on float collar to clean out fill up. Pulled out of hole and picked up Overton test tool. Went in hole with tools. Top packer set at 6739. Bottom packer set at 6769. Immediately when tool opened plugged up. Failed to get a test. Pulled out of hole. Made re-run with new tool. Packer set in same place. Results of test on second run same as on first run. (Plugged up). Pulling out of hole.

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COMPLETION REPORT

# 3 BYLLESBY WELL

June 23, 1961

Finished pulling out of hole. Broke down drill stem test tools. Found tools plugged with hard invernul mud that had come out of the formation. Ran in hole with lane wells. Hook wall packer with two drill collars above. Set packer at 6726 and rigged up to swab. Had trouble getting swab down. Tubing due to paraffin inside tubing. Worked swab and was swabbed to 5200', recovered back salt water and invernul. Got stuck with swab at 3000'. Unseated packer and reversed circulation. Could pump by the swab but it did not come loose. Waiting on line cutter. Have C.A. White truck in field to pull loose and open sliding sleeve on well # 2.

June 24, 1961

Dropped shot type wire line cutter. Cut line off swab at 2700. Pulled out of hole with tubing. Retrieved the swab. Finished pulling out of hole. Laid down well hook type well packer. Picked up bits and two drill collars. Ran in hole. Reversed circulated and cleaned out hole to T.D. Recovered approx. 5 bbls invernul mud while trying to swab. Pulled out of hole. Picked up Overton test tools, leaving shut in tool out. Running in hole with tools. Preparing to test and swab zone at 6702-6712.

June 24, 1961

Finished ~~drilling~~ <sup>running</sup> hole with Overton packer. Set over perms 6684-6712. Top packer at 6682. Bottom hook wall packer at 6714. Tool opened 9:31 with good immediate blow to surface. Decreased to weak in 30 mins. Had no gas to surface. Rigged up and started to swab. Top fluid at 2500'. Swabbed well down to 4500'. Pulling swab 4500'. Packer let loose dropped fluid out of annulus. Reset packer. Opened tool resumed swabbing. Same results as above. Packer let loose again. Pulled packer loose pulled up hole to perms 6366-76. Set top packer at 6366. Bottom packer 6389 opened tool and rigged up to swab. Swabbed well down to 5000'. Packer gave way and dropped fluid out of annulus. Pulled packer loose and pulled out of hole. Packers were not in bad shape. No apparent reason for packer failure. Redressed packers. Picked up two 4 3/4" drill collars and ran in hole. Set over perf. 6366-76. Top packer at 6375. Bottom hook wall packer at 6393. Tool opened at 2:20. Had immediate packer failure. Reset packers in same place. Opened tool failed second time. Pulled out of hole.

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COMPLETION REPORT  
# 3 BYLLESSY WELL  
June 25, 1961

Dressed both packers. Ran in hole. Set over perf. 6366-76. Top packer set at 6353. Bottom packer at 6390. Tool opened 11:00 p.m. Had fair blow to the surface immediately. No gas at surface, blew for 30 mins. Rigged up to swab top of the fluid 4209. Swabbed well down to 6200. Fluid was salt water and invermul mud mix. Swabbed well for 4 hours. Had small amounts of gas through surface while pulling swab. Not enough to measure. Pulled packers loose and moved to zone 4. Perf. 6010-20. Top packer set at 6001. Bottom packer at 6038. Tool opened at 5:10 p.m. Immediate packer failure. Pulled out of hole with tool dragging all the way out. Pulling 10 to 20 thousand. Packers were both torn up. Released overton testers. Put rig on standby. Waiting on packers.

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June 26, 1961

Waiting on Baker Model R Packer from 12 p.m. to 2 p.m. Picked up Model R Packer. Ran in hole. Set packer at 6727 in zone 1. Rigged up and started swabbing. Swabbed tubing dry to 6700. Pulled swab once each hour from 6700. 8 p.m. until 5 a.m. well was making approx. 1 bbl water per hour with a small gas flare while pulling swab. 5:30 a.m. Hooked up Dowell well truck. Powered T.P. pumper. Pumped away 1000 gals diesel fuel with 2% mud lax solution and 1000 gals. diesel with 1% mud lax solution. Max. and breakdown pressure 5000 lbs. Slowly decreased to 4000 lbs. Followed mud lax solutions with 26 bbl. diesel flush. Treating rate to 1 bbl per min. Instantaneous shut in pressure was 3100. After 10 mins. decreased to 2500. Left shut in 30 mins. Started flowing back well. Present operation flowing back.

-----  
June 28, 1961

Flowed well back. Flowed 22 bbls. in 2 1/2 hours. Rigged up began swabbing. Swabbed 10 bbls. into tank. Total recovery 32 bbls. of treating fluid. Swabbed tubing down to 6700'. Ran each hour swabbing from 12 p.m. to 5 p.m. Each run approx. 2 bbls mud lax and water. Had small gas flare while pulling swab. 5 o'clock hooked Dowell up gave second stage of mud lax. Pumped away 1000 gal # 2 diesel with 1% mud lax solution. Followed with 26 bbl diesel fuel flush. Max. build up pressure 4875. Minimum 4000. Treating rate 1 bbl per min. Shut well in for 1/2 hour. Flowed back 5 bbls diesel in 2 1/2 hours. Rigged up and began swabbing. Tubing swabbed down to 6700' by 11 p.m. Swabbed each hour. Still pulling 2 bbls. half mud lax and water. Shut well in from 4 to 8. Build up pressure 15 lbs. Present operation pulling out of hole. Preparing to abandon zone 1.

# COMPLETION REPORT

# 3 EYLLESEY WELL

June 28, 1961

Loaded tubing with salt water. Unseated packer. Pulled out of hole. Picked up Baker retrieve - o- matic bridge plug. Ran in hole. Set bridge plug at 6728'. Set packer at 6654' over zone # 2. Rigged up to swab. Swabbed tubing dry at 6600. Had small show of gas. No steady flare at surface. Hooked up Dowell. Treated zone # 2 with 1000 gal. diesel with 2% mud lax solution. 1000 gal #2 diesel with 1% mud lax solution. Followed with 26 bbls diesel flush. Max. treating pressure 3300. Minimum treating pressure 3100. Instantaneous shut in pressure 2800. Treating rate was 1.2 bbls per minute. Hooked up and swabbed 30 bbls back into reserve tank. Swabbed down - to dry - Swabbed and recovered 2 bbls mud lax solution with approx 10% water. Small flare of gas to surface while pulling swabs. Hooked up Dowell. Gave zone #2 second stage of mud lax. 1000 gal diesel with 2% mud lax followed with 26 bbls diesel flush. Max. treating pressure 3300. Minimum treating pressure 3150. Treating rate 1.5 bbls per minute. Instantaneous shut in pressure 2600. Present operation swabbing back diesel fuel flush.

June 29, 1961

Flowed and swabbed well back. Recovered 20 bbls diesel flush back into the storage tanks. Swabbed well down to 6600'. Swabbed well from 9 a.m. to 6 a.m. recovering 1/2 bbls mud lax every 2 hours. Hooked up Dowell with 2 Allison pump trucks. Fractured zone #2. Spotted 100 gals of mud acid with M-38 solution. Break down pressure 6000 lbs. Pumping 3 3/4 bbls per minute through 2" tubing. Increased to 7 1/2 bbls per min at 6000 lbs. Decreased to 7 bbls per min when 0.15 walnut hulls hit the formation. Finished treating at 7 bbls per minute at 5800 lbs. Instantaneous shut in pressure 2900 lbs. Total frac job 350 lbs of mark 2 adomite. 1000 lbs of 12-20 mesh walnut hulls. 225 bbls #2 diesel fuel treated with 97 gals of J-105. Present operation frac job shut in.

June 30, 1961

Kept well shut in for four hours after frac job. Pressure on tubing bled from 2900 to 1500 lbs. during the four hours. Flowed well back into tank. Recovered by flow approximately 20 bbls. of frac fluid. Hooked up and swabbed back approximately 40 bbls. of frac fluid into tank. Continued swabbing tubing dry into burning pit. Approximately 75 bbls. frac fluid recovered. Had small flare to surface while pulling swab. Could not maintain gas burning at surface. At 8:00 AM pulled packer loose. Had approximately 15 feet of walnut hulls on top of bridge plug. Circulated 15 feet walnut hulls off bridge plug. Retrieved bridge plug. Pulling up to set over zone 4. Present operation pulling out of hole. Started swabbing.

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July 1, 1961

Finished circulating hole, cleaning up walnut hulls. Pulled up to and tried to set over zone #4. Packer would not set. Pulled out of hole. Cleaned out walnut hulls that were jammed in packer slips. Ran in hole. Set bridge plug at 6060'. Packer set at 5998'. Swabbed tubing down and well started making oil and gas. Tested gas 1 hour thru 1/8" orifice. Making 20,000 MCF per day. Continued swabbing. Recovering approx. 3 bbls oil & water per hour.

July 2, 1961

Swabbed zone #4 for 18 hours. Recovered 20 bbls of fluid. (10 bbls of oil). Shut well in at 6 a.m. 7-3-61 for pressure test. Gas seemed to increase during swabbing. Shut in for pressure test.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

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

March, 1961

Agent's address P. O. Box 473

Company H. M. Byllesby & Co.

Vernal, Utah

Signed Robert E. Livingston

Phone 1060

Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-2 6	12S	20E	1					Shut in. Waiting on completion rig. Ran 7" casing, cemented with 2100 sacks cement. Landed at 7150.
C-NW-SW-5	13S	20E	2					Shut in. Waiting on completion rig. Ran 7" casing, cemented with 1200 sacks cement. Landed at 8438'.
C-SW/4-23	13S	20E	3					T.D. 6850. Set 6897' of 7" casing, cemented with 1200 sacks. Perfs: 1. 6749-57 4 jets/ft 2. 6742-62 " " " " 3. 6702-12 " " " " 4. 6366-76 " " " " 5. 6694-84 " " " " Squeeze 6. 6010-20 " " " " 7. 5908-18 " " " " Squeeze 8. 5366-76 " " " " Squeeze Drilling bridge plugs on 3-30-61. Ran casing scraper. Swabbing well through 2" tubing with perforated nipple landed at 6741 and productive packer set at 5245. Well flowing gas, diesel and mud.

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

FILE IN DUPLICATE

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Uintah Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for April, 1961.

Agent's address P. O. Box 473 Company H. M. Byllesby & Co.

Vernal, Utah Signed Robert E. Cronly

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
CONFIDENTIAL - TITE HOLES								
NW-NW-26	12S	20E	1					Perf. 6942-56 & 6898-6908 Frac'd both zones individually. (Mesaverde fm.)
C-NW-SW-5	13S	20E	2					Perf. 5680-5694, 5640-5650. Acidized perfs and frac'd. (Mesaverde fm.)
C-SW/4-23	13S	20E	3					Perforated 8188-8192, 8096-8120 with 3 thor jets per foot. Frac'd both zones individually. (Blackhawk member of the Mesaverde)
								Testing well by flowing. Well flowing diesel, mud, oil & gas. No gauge. Preparing to install Camco lift valve and separator as oil is loading up tubing.

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**STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION**

Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Uintah Field or Lease Wildcat

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

Agent's address P.O. Box 473 Company H. M. Byllesby & Co.  
Vernal, Utah

Signed [Signature]

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
CONFIDENTIAL - TITE HOLES								
NW-NW-26	12S	20E	1					Perforated 4403-4404 & Squeezed with 100 sacks cement. Waited on cement 34 hours. Ran McCullough Cement log. Perf'd with 6 Perfo frac changes at 4394-4387. Spotted acid across perf and frac'd with salt water, sand & walnut hulls. Swabbed zone. Flined gas, mud & salt water.
C-NW-SW-5	13S	20E	2					Perforated 5792-5810 & 5754-5767 with 3 thor jets per foot. Acidized perms and frac'd both zones individually. Squeezed liner perf due to communication. Perf'd 5919-5920 w/4 perfo jets for water shut off.
C-SW/4-23	13S	20E	3					Installed Camco lift & separator. Flowing & testing.

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STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

BEST COPY AVAILABLE

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

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

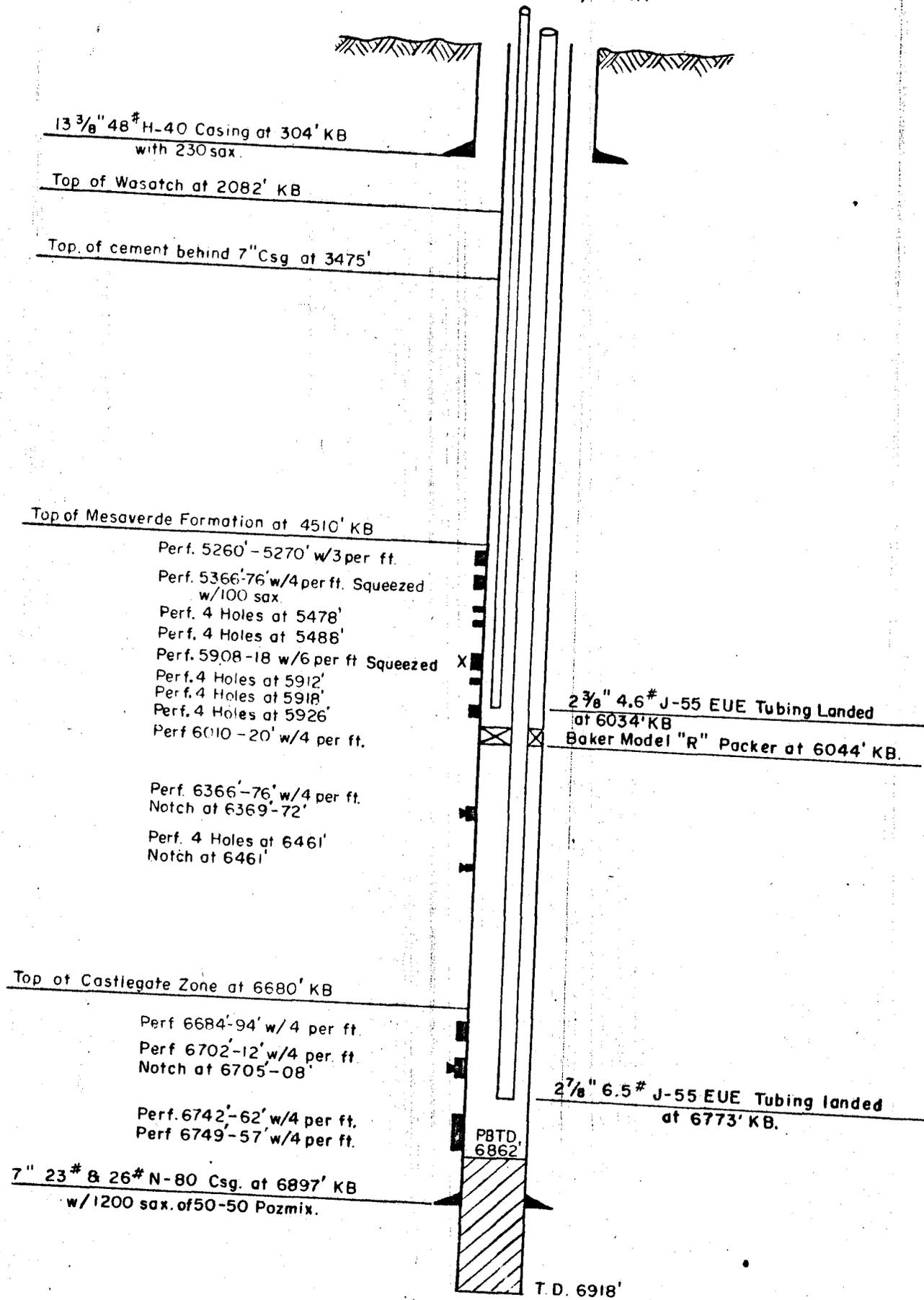
Agent's address P.O. Box 473 Company H. M. Byllesby & Co.  
Vernal, Utah Signed Robert E. ...

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
CONFIDENTIAL - TITE HOLES								
NW-NW-26	12S	20E	1					Washed all perms with mud lax. Ran tubing, landed at 6950 KB. Displaced invermul with diesel. Set Model R packer at 4476 with sliding sleeve on top. Installed Christmas tree. Swabbed well. Lower zone producing through tubing, upper zone shut off by sliding sleeve. Preparing to open sleeve. Testing lower zone on flow tests.
C-NW-SW-5	13S	20F	2					Flowed & tested well. Swabbed & stop cocked well. Landed 2 7/8" EUE tubing at 8158 KB. Side door choke at 5894. Installed Christmas tree. Flowing and testing well by stop cocking.
C-SW/4-23	13S	20E	3					Moved in workover rig on 6-15-61. Displaced invermul with salt water. Cleaned out hole to 6862. Attempted to test interval 6684-6712. Packers failed. Tested interval 6366-76. Recovered invermul, salt water & gas. Tested perf. 6010-20. Packer failed. Tested interval 6744-57. Frac'd zone. Recovered mud, salt water & gas. Tested interval 6684-6712. Recovered mud lax, water, gas & mud. Gave zone mud lax treatment swabbed, gas & mud lax.

H. M. BYLLESBY & CO. INC.  
BYLLESBY NO. 3  
SE NW SW SEC. 23 - T.13 S. - R. 20 E.  
UINTAH COUNTY, UTAH



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August, 1961

H. M. BYLLESBY WELL # 3

Time	TBG	From	August 1st to August 17th, well shut in due to washed out condition of road.
___ M	Press		

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8-17-61  
Well shut in for pressure build up from 8/17-8/21. Pressure 1375#.

8-21-61  
Pressure 1375#. Well blew down and unloaded oil and gas for 45 minutes. Shut in pressure 500#.

Well shut in for testing from 8/21-8/29.

8-29-9-1-61  
Well being tested by Dave Johnson.

H. M. BYLLESBY WELL No. 3  
FLOWING, SWABBING AND COMPLETION REPORT  
July, 1961

July 1, 1961

Finished circulating hole, cleaning up walnut hulls. Pulled up to and tried to set over zone #4. Packer would not set. Pulled out of hole. Cleaned out walnut hulls that were jammed in packer slips. Ran in hole. Set bridge plug at 6060'. Packer set at 5998'. Swabbed tubing down and well started making oil and gas. Tested gas 1 hour thru 1/8" orifice. Making 20,000 MCF per day. Continued swabbing. Recovering approx. 3 bbls oil & water per hour.

July 2, 1961

Swabbed zone #4 for 18 hours. Recovered 20 bbls of fluid. (10 bbls of oil). Shut well in at 6 a.m. 7-3-61 for pressure test. Gas seemed to increase during swabbing. Shut in for pressure test.

July 3, 1961

Well shut in 7 hours 200# pressure (zone # 4) moved packer and bridge plug to zone # 5, perms 5908-5918. Set bridge plug at 5968' and packer at 5877'. Hooked up and swabbed, tested squeeze job on zone #5. Swabbed tubing dry. No gas. Good squeeze job. Moved packer and bridge plug to zone #7, perms 5260'-5270'. Set bridge plug at 5312, packer at 5215'. Rigged up and swabbed; made 3 runs with swab, tubing unloaded oil and water; continued swabbing; gas and oil slowly decreased. Pulled approx 3 bbls oil from 12:00 p.m. - 8:00 a.m. Small gas flare, steady at surface.

July 4, 1961

Continued swabbing until 12:00 noon. No apparent increase in gas. Making 1/2 bbls per hour. Shut in for pressure build up test 12:00 noon. Rig put on standby.

July 5, 1961

Rig kept on standby. Zone # 7 shut in for pressure build up. 200 lbs. in 24 hours.

July 6, 1961

Unseated Model R Baker packer that was set over zone #7. Picked up retrievomatic Baker bridge plug and ran 24 stands - Standing in derrick in hole. Ran tubing on do nut with 110 stands. Packer and bridge plug in string. Hegwer Drilling Co. rig released. Started tearing down.

July 7, 1961

Rigged down and moved off.

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COMPLETION REPORT

# 3 BYLLESBY WELL

July 12, 1961

Moved in completion rig, then rigged up. Pulled tubing. Went in with Parrish perf washer. Mixed 18 bbls water, 160 lbs. calcium chloride, 3 1/2 gal W-17. Could not wash perfs 6702-6712. Would not break down. Washing perfs 6742-6762.

July 12, 1961

Set up perf with Parrish perf washer. Perf 6742-6762. Washed with good results 6742-6753. All other perfs at same zone would not break down. Pulled up to and set over perf 6702' to 6712'. No part of these perfs would break down. Pulled out of hole. Dressed perf washer with new cups. Ran in hole. Spotted 440 gal. of mud acid in tubing. Set over perf 6702' to 6712'. Tried to wash perf with acid could not wash away. Pulled out of hole. Waited 5 hours on Empire Wire Line truck. Ran correlation log from 6800' to 5200'. Perf 8 7/8" hole at 6702'. Perf 8 7/8" hole at 6706'. Ran McCullough ring gauge junk basket to 6818' (top of fill up) Top of fluid in hole 800' from the surface. Present operation, running in hole with Model R Baker Packer and retrieveomatic bridge plug.

July 13, 1961

Finished trip in hole. Set bridge plug at 6750' and packer at 6723'. Swabbed tubing dry. Mixed 100 bbls salt water solution 1.1 salt and 5/10 of 1% W-17. Pumped in 26 bbls solution - filled tubing. Started pressuring up formation. Packer was not holding. Unseated packer and reset at 6735 tried pressuring up again. Packer still would not hold. Unseated packer went down to 6750 to retrieve bridge plug. Bridge plug moved down hole to top of fill up to 6818. Retrieved bridge plug and pulled up to 6788. Tried to set plug - could not get action from it. Pulled out of hole. Have lost both bridge plug and packer. Waited 4 hours on McCullough Over-shot. Ran in hole. Picked up bridge plug and packer. Present operation - pulling out of hole.

July 14, 1961

Recovered packer but not bridge plug. Went in with reconditioned packer. Set at 6718'. Mixed 400 bbls. 1.1% Calcium Chloride at 0.2% W-17 (Detergent) Displaced solution down tubing. Attempted to pump into formation. Had communication. Unseated packer and re-set at 6730'. Pumped into perf. at 6742' to 6762'. Formation broke at 4500 psi. Average pump rate 1.1 BPM. Pump pressure dropped from 4500 to 3950 psi in 15 minutes. Thereafter pressure dropped slowly to 3550 psi in one hour. Shut down 6 minutes to take on flush. Standing pressure dropped 1625 psi. Resumed pumping at 3350 psi. Minimum pump pressure 3300 psi. Arose to 3550. Final pump pressure 3500. Flushed away at 6:27 PM. One half hour standing pressure 1450 psi. Flowed back in one hour. Swabbed tubing down. Recovered 26 bbls flush plus 30 bbls of salt solution by mid-night. 6:00 AM swabbing 3 bbls per hour. Total recovery 56 bbls of salt solution. 10:00 AM swabbing 2 bbls per hour with scum of oil. Total recovery 75 bbls.

July 16, 1961

Total recovery midnight 80 bbls. From zone 6742-6762 total swab recovery. TBM 85 bbls. 80% solution water. 20% emulsion. Sample of emulsion broke over night without adding chemical.

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July 17, 1961

Unseated packer. Picked up bridge plug at 6818. Set bridge plug at 6730 and packer at 6698. To treat zone 6702 to 6712. Swabbed tubing dry. Had small blow of gas ahead of each swab pull. Recovered water and emulsion from formation as before. Treated perf. with 100 bbls water 1.1% calcium chloride. 0.2% W-17 formation broke at 3300 psi. Treated at 3000 to 2950 psi at 1.5 bbls per minute. 25 bbls of flush away at 5:51 p.m. on vacuum. Swabbed tubing down. Recovered flush plug 40 bbls of solution by midnight. 10:00 a.m. little recovery 86 bbls solution. Swab rate 2 bbls per hour. Water solution slightly cut with oil. Weak gas flow ahead of each swab pull.

July 18, 1961

Recovered 100 bbls fluid to tank. Swabbed 5 bbls to burn pit. Water with small amount of oil emulsion. No increase in gas. Very slight blow ahead of swab pull. Swabbed until 9:00 p.m. Mixed 200 bbls water plus 1.1% calcium chloride and 0.2% W-17 to treat perms 6702-6712. Pump rate 1.5 BPM. Initial pressure 3200 psi, treating pressure 2975-3050 psi; 25 bbls flush away at 2:23 a.m. shut in to 7:00 a.m. Vacuum on tubing. All indications pointed to communication between perms 6702-6712 & 6684-6694. Swabbed tubing down to 6500 before fluid in annulus communicated around perms. Reset packer at 6664 above all perms in zone 2 pumped 40 bbls salt solution away at 2850 psi. Standing pressure 1000 psi after 30 minutes.

July 19, 1961

Waited on Dowell to bring nylon balls. Tubing pressure 0 after five hours. Dropped 40 1" nylon balls. Pumped 100 bbls W-17 salt solution out perms 6702-6712 & 6684-6694. Pump rate 1.8 bbls per minute. Initial pump pressure 2900 psi, treating pressure 2775-2850 psi. Pressure rose from 2775 to 2850 when balls hit perf. Solution away at 6:43 p.m. Standing pressure 2000 psi. Flowed back 35 bbls. Swabbed tubing down with small gas blow ahead of swab. Filled hole and reversed circulated to clean up hole. Dropped down and picked up bridge plug at 6730. Tripping out with bridge plug and packer.

July 20, 1961

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Tripped out with bridge plug and packer. Perforated 8 7/8" holes at 6461. Ran ring gauge and junk basket to 6824. Tripped in with bridge plug and packer. Set bridge plug at 6508 and Model R packer at 6408. Swabbed tubing dry. Had small blow of gas ahead of each pull. Filled tubing with salt water and pressured to 6000 psi. Formation would not break down. Unseated packer and dropped down to 6476. Spotted 250 gal. 15% mud acid across perforations. Pulled up and set packer at 6440. Perforations would not break down at 6500 psi. Tripped out with packer and bridge plug. Ran in with Dowell abrasive jet - sub. Checked collars from TD (6822 up to 6455). Set jet nozzle at 6461 and cut notch, pumping 5 1/2 bbls per minute salt water with 1 1/4 lbs per gal 20-40 sand plus 2 1/2 lbs per gal J-100. Reversed out sand. Job complete 10:32 a.m. Tripping to run in with bridge plug and model R packer.

July 21, 1961

Tripped out and ran in with bridge plug and packer. Packer set while going in hole. Could pull up but could not go down. Pulled out for inspection. Slips had sprung loose. Went in with reconditioned packer. Set bridge plug at 6490' and Model R packer at 6390. Pumped salt water out notch at 6461. Breakdown pressure 3700 psi. Pumped 1 bbl per minute at 3300 psi. Swabbed tubing down frac'd notch with 2600 gal. Gelled salt water - plus 1300 lbs 20-40 sand. Screened out at 6000 psi with 800 lbs sand out notch. Stopped sand and flushed 500 additional lbs out notch. No breakdown. Treating pressure 5950-6000 psi. Average injection rate 8 bbls per minute while pumping sand, 2 bbls per minute during flush. Standing pressure 1500 psi. Bled off pressure and tried to resume treatment. Could not pump at greater than 2 1/2 bbls per minute at 6000 psi. Job complete 10:10 A.M.

July 22, 1961

Swabbed tubing down 600 ft. fill up per swab. No gas. Dropped down and picked up bridge plug. No sand fill up. Went in with Dowells abrasive jet subs. Reversed out sand fill from 6630 to 6750. Cut vertical opposing slots from 6708 to 6705 and from 6372 to 6369. Jetted 4 each 3/4 inch holes at 5926, 5918, 5912, 5488 and 5478. Circulated hole clean to 6150. Coming out to run drillable bridge plug.

July 23, 1961

McCullough ran Baker Model NC bridge plug. Set prematurely at 6011 in top of perf 6010 to 6020. Pulled wire line out of socket. Proceeded to frac with 47,250 gal diesel 7,087 lbs 12-20 hulls. (.15 lbs per gal.) (.05 lbs per gal. adomite) 55 gal W-17 - 10 gal mud ban in spearhead. Dropped 30 balls in 5 drops. Breakdown pressure 4000 to 3850 psi. Treating pressure 3750-4100 psi. Final pressure 4000 psi. Average injection rate 34 bbls per minute. Flushed with 235 bbls diesel. Job complete 12:59 P.M. Instantaneous pressure 2850 psi. 6 hours shut in pressure 1900 psi. Flowed flush to tank. Recovered 120 bbls in 9 hours. Went in with wash over and overshot.

July 24, 1961

Circulated out bridge at 5820 and hulls from 5857 to 6011. Could not get hold of fish. Tripped out and found hulls in tool which would not allow it to un-jay. Cleaned up overshot and ran back in. Got hold of socket and jarred running tool loose from bridge plug. Tripped out and found running tool had fired properly. Going in with bit to drill up bridge plug and clean out to T.D.

July 25, 1961

Drilled and pushed bridge plug from 6011 - 6791. Circulated and conditioned hole for 5 hours. Tripping to pick up casing scraper.

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H. M. BYLLESBY WELL #3  
COMPLETION REPORT

July 26, 1961

Ran casing scraper to 6200. Ran in with bridge plug and packer. Set bridge plug at 5967' and model R packer at 5875' to test abrasijet hole at 5912, 5918 and 5926. Swabbed tubing down. Perforation open.

July 27, 1961

Moved bridge plug to 5536' and packer to 5431' to test abrasijet hole at 5478 and 5488. Swabbed tubing down. Perforation open. Preparing to trip for bit.

July 27, 1961 Addenda Report

This report supersedes short report of same date.

Unseated packer. Picked up bridge plug and pulled out of hole. Picked up three 4 3/4" drill collars with a 6 1/8" skirted bit. Ran in hole. Cleaned out and reversed circulation from 6791 to 6820. Pulled out of hole. Pulled off blow out preventor and put on dual completion tubing spool. Ran the lower production string. Landed at 6773 with a Baker Model R packer set at 6044 between zones 3 and 4. Installed Christmas tree and started swabbing.

July 29, 1961

Lower Zone

Shut in 8 hours. Swabbed tubing down. Had 4200 feet fillup in 8 hours. Running 2nd string of tubing.

July 30, 1961

Ran 5980.50 feet 2 3/8" 4.60 lbs. J-55 tubing with beveled collars. Landed at 6034 KB. Flanged up Christmas tree. Started swabbing upper zone. Fluid level staying at 3000 feet from surface.

July 31, 1961

Alternately swabbing both zones.

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STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Confidential

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

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July, 19 61

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Vernal, Utah Signed \_\_\_\_\_

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
C-SW/4-23	13S	20E	3					<p><b>Confidential</b></p> <p>See Attached Enclosures</p>

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

FILE IN DUPLICATE

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Confidential

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

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

August, 1961.

Agent's address P. O. Box 473 Company H. M. Byllesby and Company

Vernal, Utah Signed \_\_\_\_\_

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
C-SW/4-23	13S	20E	3					Confidential See Enclosures

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

FILE IN DUPLICATE

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for  
September, 1961.

Agent's address P. O. Box 473  
Vernal, Utah

Company H. M. Byllesby and Company

Signed [Signature]

Phone 1060

Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-26	12S	20E	1					See Enclosures #1, #2, #3
C-NW-SW-5	13S	20E	2	✓				
C-SW/4-23	13S	20E	3					

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

FILE IN DUPLICATE

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

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

Agent's address P. O. Box 473 Company H. M. BYLLESBY & COMPANY  
Vernal, Utah Signed Robert E. Lowington

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-26	12S	20E	1					See Enclosures #1, #2, #3
C-NW-SW-5	13S	20E	2					
C-SW/4-23	13S	20E	3					

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

FILE IN DUPLICATE

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

H.M. Byllesby & Company Well No. 3:

1-30-62

Tank No. 1 gauged at 13' 9". Tank No. 2 gauged 8". Picked up rods an additional 5" to avoid bumping bottom too hard.

O  
P  
Y

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

C O N F I D E N T I A L

State Utah County Uintah Field or Lease Wildcat

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

Agent's address P. O. Box 473 Company H. M. Byllesby & Company  
Vernal, Utah Signed [Signature]

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW-26	12S	20E	1					Well shut in for rework pending more favorable weather.
C-NW-SW-5	13S	20E	2					Testing by stop cocking. See attached data sheets.
C-SW-23	13S	20E	3					On pump. Well shut down from Feb. 8 to Feb. 28, 1962 due to heavy drifting snow and fast thawing which bogged down all operations.

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

FILE IN DUPLICATE

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT  
CONFIDENTIAL

State Utah County Uintah Field or Lease Wildcat

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

Agent's address P.O. Box 473 Company H. M. Byllesby & Company  
Vernal, Utah Signed Robert E. Byllesby

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCP's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW 26	12 S	20 E	1	S.D.				Shut in for rework pending better weather.
C-NW-SW 5	12 S	20E	2	S.D.				Unable to reach wells to test due to snow and then deep mud.
C-SW-23	12 S	20E	3	S.D.				

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

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Uintah Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for April, 1962.

Agent's address P. O. Box 473, Vernal, Utah Company Caldwell & Covington

Signed [Signature]

Phone 1060 Agent's title Representative

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW-NW 26	12S	20 E	1	SI	---	---	---	Shut in for rework
C-NW-SW 5	<del>12</del> S	20 E	2	SI	---	---	---	Shut in pending rework of roads.
C-SW-23	13S	20 E	3	SI	---	--	---	A/B.

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

FILE IN DUPLICATE

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

H. M. BYLLEFSBY WELL # 3

Time	TBG	From	
___ M	Press		

---

8-17-61

Well shut in for pressure build up from 8/17-8/21. Pressure 1375#.

8-21-61

Pressure 1375#. Well blew down and unloaded oil and gas for 45 minutes. Shut in pressure 500#.

Well shut in for casing from 8/21-8/29.

8-29-9-1-61

Well being tested by Dave Johnson.

Well No. 2

Tubing Pressure: 300#. Casing pressure: 300#. Blew well for 3 min.

Starting unloading. Turned through high pressure separator 4 hrs.

Made 22 bbls. oil.

Well No. 3 9-6-61

Tubing pressure: 300#. Casing pressure: 700#. Rocked tubing with casing pressure. Would not in fluid. Blew down casing pressure 4 minutes. Turned

oil through separator. Made 10 bbls oil.

Well No. 4 9-6-61

Tubing pressure: 275#. Casing pressure: 600#. Blew down in 5 minutes.

Unloaded to blowing pit trying to get up water. Unloaded approximately

20 bbls oil. No water. Shut in.

207

POOR COPY

H.M. BYLLESBY WELL #3

Well No. 3 9-28-61

Swabbed well 6 hours. Having trouble getting swab below 3600'. Shut well in. Waiting on swab bar. Swabbing back salt water and inermul.

Well No. 3 9-29-61

Worked 2 hours on swab unit. Water in Casing standing at 3600' Swabbed down to 5500' Well was starting to gas when shut in for the night.

Well No. 3 9-30-61

Water standing at 4500' Swabbed down to packer at 6,000' made 2 runs from bottom well started gasing and blowing oil around from casing. Blew well 30 minutes. Shut in. Oil side Run swab in gas side, water standing at 3,000' Swabbed down to 5,000'. Tight place in tubing at 3500'. Having trouble getting through. Shut in for the night.

53

H. M. BYLLESBY WELL #3

9-8-61

Kept shut in. Road flooded out.

9-9-61

Tubing pressure: 300#. Casing pressure: 775#. Unloaded well for 1 1/2 hours. Well flowed oil.

9-10-61

Shut in. Road flooded out.

9-11-61

Shut in. Road flooded out.

9-12-61

Tubing pressure: 325#. Casing pressure 700#. Unloaded well through separator. Made 20 bbls in 1 hour. Set high pressure separator @ 200#. Kept well open 12 hours. Did not make any oil.

9-13-61

Casing pressure: 200#. Shut in after being left open. Flowing through separator.

9-14-61

11:20 Tubing pressure: 75#. Casing pressure 300#. 11:23 Tubing pressure: 75#. Casing pressure 0#. Kept open 45 minutes. Would not unload.

9-15-61

10:30 Tubing pressure: 75#. Casing pressure: 300#. 10:34 Casing pressure :0# Kept open 30 minutes. Would not unload.

9-16-61 through 9-25-61 Unable to get to rig due to flash floods.

Well No. 3 9-25-61

Tubing Pressure: 300#. Casing pressure: 525#. Blew to 200# in 4 minutes. Started unloading. Turned through separator. Unloaded 22bbls oil in 1-1/2 hours. Shut in.

Well No. 3 9-26-61

Tubing pressure: 300#. Casing pressure: 525#. Blew casing down in 4 minutes. Kept open 30 minutes, would not unload. Moved and rigged up C&C swabbing unit.

Well No. 3 9-27-61

23  
Tubing pressure: 250#. Casing pressure: 350#. Blew tubing down. Ran in hole "oil Zone" with swab fluid level at 1500'. Approximately 200' oil on top. Swabbed water F/ 1500' to 3500'. Shut down for the night.

POOR COPY

May 9, 1963

Caldwell & Covington  
P. O. Box 473  
Vernal, Utah

Re: Well No. Byllesby #3  
Sec. 23, T. 13 S, R. 20 E.,  
Uintah County, Utah

Gentlemen:

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

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

2

June 21, 1963

Caldwell & Covington  
P. O. Box 473  
Vernal, Utah

Re: Well No. Byllesby #3  
Sec. 23, T. 13 S, R. 20 E.,  
Uintah County, Utah

Gentlemen:

Reference is made to our letter of May 9, 1963. As of yet, we still have not received the well log and electric and/or radioactivity logs for the above mentioned well that are over-due.

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Your immediate attention to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

Encl. (Forms)

5

June 29, 1963

Mr. Chandler Byllesby  
Denver Club Building  
Denver 2, Colorado

Dear Mr. Byllesby:

Enclosed, please find two letters I wrote to Mr. Caldwell and Mr. Covington of Vernal, Utah, which were returned by Mr. Covington.

We would appreciate your assistance in obtaining the well logs for the #1 and #2 Wells and the electric and/or radioactivity logs, along with the well log for the #3 Well.

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Also, please indicate if you want this information held confidential. Thank you for your cooperation in this request.

Very truly yours,

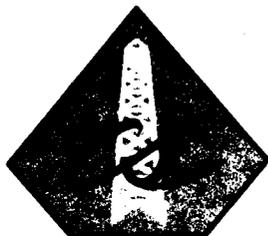
OIL & GAS CONSERVATION COMMISSION

CLARELLA H. PECK  
RECORDS CLERK

cmg

2/

Collis P. Chandler, Jr., President



# CHANDLER-SIMPSON, INC.

OIL EXPLORATION AND PRODUCTION • DENVER CLUB BUILDING • DENVER, COLORADO

JULY 15, 1963

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

GENTLEMEN

PLEASE FIND ENCLOSED COPIES OF ELECTRICAL SURVEYS, GEOLOGICAL REPORTS AND COMPLETION REPORTS ON THE NO. 1, NO. 2 AND NO. 3 BYLLESBY FEE WELLS. THIS IS ALL OF THE DATA WHICH WE HAVE ON THESE TESTS. DUE TO THE GREAT AMOUNT OF WORK ON THESE THREE WELLS, WE ARE ENCLOSED THESE REPORTS, RATHER THAN FILING STATE OR FEDERAL FORMS.

THE WELLS ARE STILL IN AN INDEFINITE STATUS AND, AS OF YET, HAVE NOT BEEN COMPLETED AS PRODUCERS OR DRY HOLES. AT THE PRESENT TIME, THE WELLS ARE SHUT IN AND EQUIPPED AS FOLLOWS -

WELL NO. 1 - EQUIPPED WITH 2 INCH TUBING AND A CAMERON FLANGED TUBING HANGER. THE WELL IS SHUT IN WITH 2 INCH CAMERON VALVES.

WELL NO. 2 - EQUIPPED WITH 2 1-2 INCH TUBING WITH CAMERON FLANGED TUBING HANGER. WELL IS SHUT IN WITH CAMERON VALVES.

WELL NO. 3 - EQUIPPED WITH 2 STRINGS OF 2 INCH TUBING WITH CAMERON DUAL-COMPLETION TUBING HANGER. ONE STRING IS SHUT IN WITH 2 INCH CAMERON AND ORBIT, THE OTHER STRING OF TUBING IS EQUIPPED TO PUMP. ALL SURFACE EQUIPMENT ON THE WELL IS SHUT IN AT THE PRESENT TIME.

WE DO NOT ANTICIPATE ANY FURTHER OPERATIONS ON THESE WELLS IN THE NEAR FUTURE.

YOURS VERY TRULY,

CHANDLER-SIMPSON, INC.

E. B. MAKI  
PETROLEUM ENGINEER

EBM-ss  
ENCLS.

M. W.

M. C. HOFFMAN  
 PETROLEUM CONSULTANT  
 1414 DENVER CLUB BLDG.  
 DENVER, COLORADO 80202

September 3, 1965

Mr. Paul W. Burchell, Chief Engineer  
 OIL & GAS CONSERVATION COMMISSION  
 348 E. S. Temple  
 Salt Lake City, Utah

Re: Byllesby Wells No. 1, 2 and 3 - 20,000 acre fee  
 block  
 No. 1 - NW NW Sec. 26, T12S, R20E, Uintah County  
 No. 2 - NE SW Sec. 5, T13S, R20E, Uintah County  
 No. 3 - SE NW SW Sec. 23, T13S, R20E, Uintah

Dear Mr. Burchell:

Confirming our telephone conversation today, we have had a survey made of the cost of pulling casing and completely abandoning these wells. Also, the cost of leaving casing in the hole and leaving the well to your specifications. As discussed by phone, the cost of doing this is extremely high, due to the isolated location and the necessary road building in order to do the work.

In addition, Advance Ross Corporation (successor to H. M. Byllesby Co.) has a very substantial investment in these wells and prefers to hold them in their present condition, in the hopes that some future fracking or other method, such as atomic blast may come along in the near future that would make it possible to make commercial gas wells out of these wells.

I am sure you have complete files in your possession on the condition of these wells, but am attaching a schematic drawing of each one showing its condition. These are correct except that the tubing was removed from Byllesby Well #3. All wells have high pressure valves and christmas trees installed, and were inspected approximately one year ago and there was no leakage whatever at the surface.

This letter is therefore a request for your concurrence in leaving the wells in the present condition with the understanding that the bond will be maintained and that these wells will be inspected from time to time to be sure there is no change in surface conditions.

Your approval would be very much appreciated and, as I discussed with you on the phone, if I have an opportunity to make an inspection trip in the near future, I will notify you and hope that you can go to the wells with me.

RECEIVED BY UTAH OIL AND GAS  
 CONSERVATION COMMISSION

DATE: 9-7-65

by *Paul W. Burchell*  
 Chief Petroleum Engineer

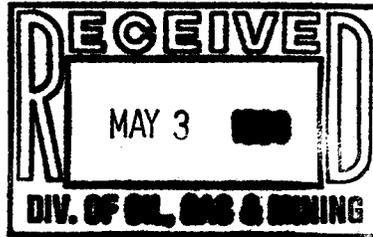
Yours very truly,

*M. C. Hoffman*  
 M. C. Hoffman For -  
 ADVANCE ROSS CORPORATION

MCH/kt

Enc. 3

R



May 3, 1983

State of Utah  
Natural Resources and Energy  
Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114  
ATTN: Ron Firth

RE: Agency Draw 23-1A  
Sec. 23 T13S, R20E  
Uintah County, Utah

Dear Mr. Firth:

In regards to our conversation concerning the Byllesby No. 3 shut in gas well, and the Agency Draw 23-1A well, please find some information which your office might not have concerning the Byllesby No.3.

The Byllesby well was completed on 7-3-61, and has remained permanently shut in with high pressure valves and christmas tree ever since. There is no tubing in the well. The well has never produced any gas whatsoever.

Del Rio Resources completed the Agency Draw 23-1A on 3-30-83, approximately 3/4 of a mile, from the Byllesby number 3. We have constructed a 8 mile, 3" pipeline to our well.

Del Rio Resources requests permission to produce gas from the Agency Draw 23-1A. The Byllesby Number 3 well will remain in its present shut in status so as not to violate the state rule C-3. There will be only one well in Section 23 T13S, R20E producing gas.

If at any time in the future, Del Rio Resources plans to work over the Byllesby Number 3, we will request a hearing for exception to the state spacing rule.

Sincerely,

A handwritten signature in cursive script that reads "Kent A. Swanson".

Kent A. Swanson  
Del Rio Resources

KAS:lj

DEL-RIO RESOURCES, INC.

448 EAST 400 SOUTH SUITE 203 SALT LAKE CITY, UTAH 84111 (801) 355-8028

**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 533-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. UT-735

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE UTAH COUNTY UINTAH FIELD/LEASE AGENCY DRAW

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
January, 1984.

Agent's Address 448 E. 400 S.  
Suite 203  
Salt Lake City, Utah 84111  
 Phone No. 801-355-8028

Company Del-Rio Resources, Inc.  
 Signed Sharon Mathews  
 Title Production Assistant

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)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
23, NE, NW	13S	20E	23-1A	---	---	---	---	---	---	43-047-31273 S.I. testing
23, SW, SW	13S	20E	23-2A	---	---	---	---	---	---	43-047-15103 testing recompletion, waiting on production equipment

FEB 10 1984

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

12

**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 \_\_\_\_\_

2. NAME OF OPERATOR  
Del-Rio Resources, Inc.

3. ADDRESS OF OPERATOR

448 East 400 South Suite 203, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 23-13S-20E NW SW

At top prod. interval reported below 1410 FSL 1270 FWL

At total depth \_\_\_\_\_

14. PERMIT NO. 43-047-15103 DATE ISSUED 10/24/60

15. DATE SPUNDED 11/6/61 16. DATE T.D. REACHED 1/19/61 17. DATE COMPL. (Ready to prod.) 7/31/61

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 6137 K.B.

20. TOTAL DEPTH, MD & TVD 6913' 21. PLUG, BACK T.D., MD & TVD 6020'

22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS  CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6020 - 5260 Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Induction Electric Log, Gamma Neutron, Cased Hole Neutron

27. WAS WELL CORED  
Yes, 12'

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48# H-40	305'		230 sxs	0
7 "	23# N-80	6897'		1200 sxs Posmix	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"		

31. PERFORATION RECORD (Interval, size and number)

6010'-6020'	3/ft.	5260'-5270'	3/ft.
5912'-5926'	6/ft.	5988'-5997'	4/ft.
5478'-5488'	3/ft.	5973'-5980'	4/ft.
5366'-5376'	3/ft.		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6020'-5260'	24 Bbl 7 1/2% HCl for each zone

33.\* PRODUCTION

DATE FIRST PRODUCTION 2/18/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/18/84	24	3/8"	→	40	50	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
50	400	→	40	50	0	43.8

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

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 Geologist DATE 4/27/84

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**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.	UT-735
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	N/A
7. UNIT AGREEMENT NAME	N/A
8. FARM OR LEASE NAME	Fee ✓
9. WELL NO.	23-2A
10. FIELD AND POOL, OR WILDCAT	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	23-13S-20E
12. COUNTY OR PARISH	Uintah
13. STATE	Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Del-Rio Resources, Inc.

3. ADDRESS OF OPERATOR  
448 East 400 South, Suite 203, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1410' FSL 1270' FWL Section, 23 T13S, R20E

14. PERMIT NO. 43-047-15103

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6139 KB

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

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

(Other) Operator & Name Change

(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.)\*

- Operator change from H.M. Byllesby Co. to Del-Rio Resources, Inc.
- Treated zones 6010'- 6020', 5912'- 5926', 5478'- 5488', 5366'- 5376', 5260'- 5270', 5988'- 5997', and 5973'- 5980' with 7½% HCl and test.

RECEIVED

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

MAY 1 1984

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

DIVISION OF OIL  
GAS & MINING

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

SIGNED Karl A. Johnson TITLE Geologist DATE 4/27/84

(This space for Federal or State office use)

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



Union Pacific  
Resources

November 4, 1987

111827

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Ms. Nielson:

Union Pacific Resources (formerly Champlin Petroleum Company) proposes the plugging and abandonment of the following wells located in the Agency Draw Area, Uintah County, Utah:

<u>Well No.</u>	<u>Legal Location</u>
1-1A	SESW Section 1-T13S-R20E <u>43-047-31306</u>
23-1A	NENW Section 23-T13S-R20E <u>43-047-31273</u>
23-2A	SENWSW Section 23-T13S-R20E <u>43-047-15103</u>
35-1A	NWSE Section 35-T12S-R20E <u>43-047-31379</u>

The Sundry Notices for the above mentioned wells are enclosed for your review.

Union Pacific Resources has recently acquired 100% working interest in these wells through the bankruptcy of our former Farmee, Del Rio Resources, Inc. It is our intention to proceed with the plugging, abandonment and restoration of these wells at the earliest possible date so your prompt attention to this matter would be greatly appreciated.

If you concur with the enclosed Sundries or have any questions, please contact me at the following address:

Union Pacific Resources Company  
5800 So. Quebec  
Englewood, CO 80111  
Attn: Troy L. Schindler  
(303) 721-2743

Sincerely,

Troy L. Schindler  
Drilling Engineer

TLS/my

Attachment

RECEIVED

NOV 5 1987

DIVISION OF OIL  
GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE  
(Instructions on reverse side)

**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.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input checked="" type="checkbox"/> OTHER</p>		<p><b>RECEIVED</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UT-735 <i>Fee</i></p>
<p>2. NAME OF OPERATOR Union Pacific Resources</p>		<p>NOV 5 1987</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A <i>PGW</i></p>
<p>3. ADDRESS OF OPERATOR P. O. Box 1257, Englewood, CO 80150</p>		<p>DIVISION OF OIL GAS AND MINING</p>	<p>7. UNIT AGREEMENT NAME N/A</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Section 23-T13S-R20E, 1410' FSL, 1270' FWL</p>			<p>8. FARM OR LEASE NAME Fee 111718</p>
<p>14. PERMIT NO. 43-047-15103</p>	<p>15. ELEVATIONS (Show whether DF, ST, OR, etc.) 6137' KB</p>		<p>9. WELL NO. 23-2A</p>
			<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
			<p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 23-T13S-R20E</p>
			<p>12. COUNTY OR PARISH    13. STATE Uintah                      UT</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Union Pacific Resources proposes to set a CIBP at 4700' KB, 560' above uppermost perforation. Test BP to 2000 psi for 15 min. Dump 2 sx cement on top of CIBP. Set 10 sx surface plug. Weld on cap and erect dry hole marker.

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

SIGNED Troy L. Schindler TITLE Sr. Petroleum Engineer DATE 11-03-87

(This space for Federal or State office use)

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

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

DATE: 11-13-87  
BY: John R. Bay

COMPANY: Western Pacific Resources

UT ACCOUNT # \_\_\_\_\_

SUSPENSE DATE: 9-88

WELL NAME: 23-2#

TELEPHONE CONTACT DOCUMENTATION

API #: 43-047-15103

CONTACT NAME: Troy Schindler

SEC, TWP, RNG: 23, 13S 20E

CONTACT TELEPHONE NO.: (303) 721-2743

SUBJECT: Sendin is Sunday reporting well is plugged (C. Kurbly reported well is P & A'd)

(Use attachments if necessary)

RESULTS:

(Use attachments if necessary)

CONTACTED BY: Adelle

DATE: 8-9-88

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
 AUG 29 1988

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UT-735
2. NAME OF OPERATOR Union Pacific Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 1257; Englewood, CO 80150		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1410' FSL, 1270' FWL Sec. 23-T13S-R20E		8. FARM OR LEASE NAME Fee
14. PERMIT NO. 43-047-15103		9. WELL NO. 23-2A
15. ELEVATIONS (Show whether of, ft. or, etc.) 6137' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T13S-R20E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

12/07/87 MIRU Service Unit. Unseat pump.  
 12/08/87 Pull pump and rods. Release tbg. anchor. NU BOP. TOH w/ tbg.  
 12/09/87 RIH and set Baker Model "S" CIBP @ 4700' KB. Mix and dump 2 sx cmt. on top of CIBP. Load hole and pressure test CIBP to 2000 psi for 15 min. Held OK. Set 10 sx surf. cmt. plug from 30' to surf. Cut off wellhead. Weld on plate and dry hole marker. Restore and reseed location.

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

SIGNED Troy L. Schindler TITLE Sr. Petroleum Engineer DATE 08/22/88  
 (This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
DEC 04 1989  
DIVISION OF OIL, GAS & MINING

1. OIL WELL  GAS WELL  OTHER  DRY

2. NAME OF OPERATOR  
UNION PACIFIC RESOURCES COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 7 - MS 3407, FORT WORTH, TEXAS 76101-0007

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1410' FSL & 1270' FWL  
43-047-15103

14. PERMIT NO. NOT AVAILABLE

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR: 6125', KB: 6137'

5. LEASE DESIGNATION AND SERIAL NO.  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
AGENCY DRAW

9. WELL NO.  
23-2A

10. FIELD AND POOL, OR WILDCAT  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NW SW 23-13S-20E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

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

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

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

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

13-3/8" SURF CSG @ 305'  
7" PROD CSG @ 6897'

12-8-87  
PBDT 6020' MIRU UNIT. UNSEAT PUMP

12-9-87  
LAY DOWN RODS & TBG. REMOVE PUMPING UNIT

12-10-87  
RU McCULLOUGH. SET BAKER MODE 'S' CIBP @ 4700' w/2 SXS CMT ON TOP. CUT OFF CSG. SET 10 SXS CMT PLUG @ SURF.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	DATE 11-27-89

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

SIGNED J. Prohaska / JOY L. PROHASKA TITLE REGULATORY ANALYST

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

## OIL AND GAS PRODUCTION FACILITIES

Well Name: <u>AGENCY DRAW 23-2A</u>		API Number: <u>43-047-15103</u>	
Qtr/Qtr: <u>NW/SW</u>	Section: <u>23</u>	Township: <u>13S</u>	Range: <u>20E</u>
Company Name: <u>UNION PACIFIC RESOURCES CO.</u>			
-			
Lease: State _____	Fee <u>X</u>	Federal _____	Indian _____
Inspector: <u>DAVID W. HACKFORD</u>		Date: <u>6/24/99</u>	
-			

Type of Inspection:    Routine X                      Complaint                      Other

Well status at time of visit:    Producing \_\_\_\_\_                      Shut-in \_\_\_\_\_                      Other X

COMMENTS: WELL HAS BEEN PA'D. MONUMENT HAS CORRECT INFORMATION.

LOCATION HAS BEEN RECLAIMED AND CONTOURED. NO PITS REMAIN. SITE MAY

OR MAY NOT HAVE BEEN RE-SEEDED, BUT NATURAL REVEGETATION HAS

OCCURRED. NO SPILLS OR LEAKS.

