

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

5. Lease Designation and Serial No.  
**U-23161**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name  
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a. Type of Work  
DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name  
**None**

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

8. Farm or Lease Name  
**Bug**

2. Name of Operator  
**Wexpro Company**

9. Well No.  
**15**

3. Address of Operator  
**P.O. Box 1129, Rock Springs, Wyo. 82901**

10. Field and Pool or Wildcat Development  
**Wildcat Development**

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface **NE 1/4 NE 1/4 Section 17, T.36S., R.26E., 627' FEL**  
At proposed prod. zone **709' FNL**

11. Sec., T., R., M., or Blk. and Survey or Area  
**S.17, T.36S., R.26E.**

14. Distance in miles and direction from nearest town or post office\*  
**12-1/2 miles NE to Dover Creek, Colorado**

12. County or Parrish 13. State  
**San Juan Utah**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest dir. line, if any) **627'**  
16. No. of acres in lease **640**  
17. No. of acres assigned to this well **---**

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. **Bug 4 TD 6370' NE SW S.16T.36S.R.26E.**  
19. Proposed depth **6395'**  
20. Rotary or cable tools **Rotary**

21. Elevations (Show whether DF, RT, GR, etc.) **GR 6620'**  
22. Approx. date work will start\* **Upon approval**

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	2030'	925 Sks. Reg. "G" cement w/3% CaCl
8-3/4"	5-1/2"	17#	6395'	To be determined from caliper logs

Wexpro Company proposes to drill the subject well to a total depth of 6,395'.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 10/15/80

BY: [Signature]

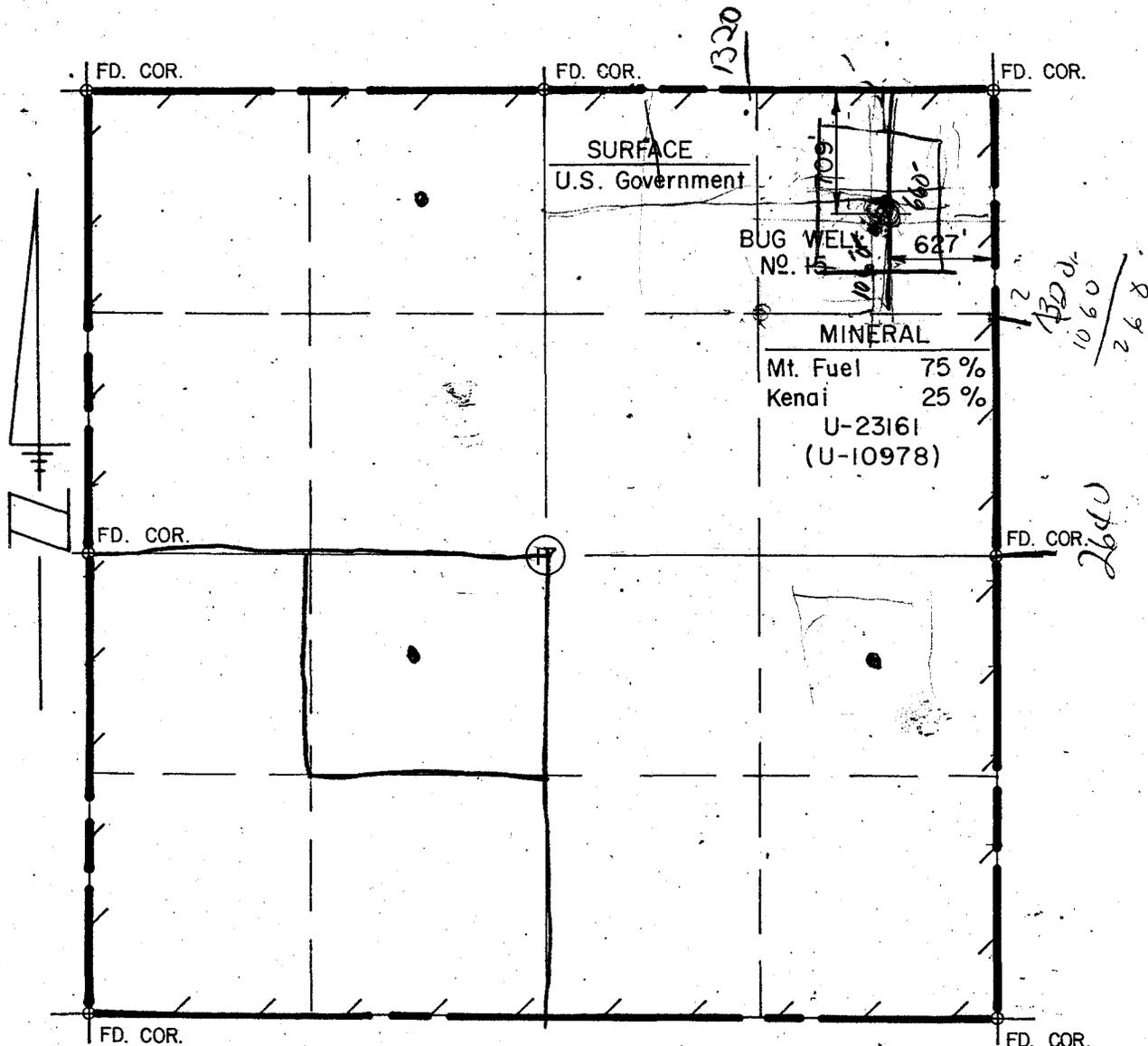
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. [Signature] Title Div. Engr. Date 9/29/80

(This space for Federal or State office use)

Permit No. .... Approval Date .....

Approved by..... Title..... Date.....  
Conditions of approval, if any:



LOCATION PLAN  
SCALE 1" = 1000

Surface   
 Mineral

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

LEGEND

- Well
- Stone Corner
- Pipe Corner

BRENT J. BAI, UTAH L.S. Registration No. 5031

ENGINEERING RECORD	
SURVEYED BY	B & G 9-10-80
REFERENCES	G.L.O. PLAT <input type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>
LOCATION DATA	
FIELD	Bug
LOCATION: NE 1/4 NE 1/4, Sec. 17, T. 36 S., R. 26 E., S.L.B.&M. 709' FNL, 627' FEL	
San Juan County, Utah	
WELL ELEVATION: 6594 "as graded" by electronic vertical angles from Company Bench Mark.	

CERTIFIED WELL LOCATION AND WELL SITE PLAN	
BUG WELL NO. 15	
DRAWN: B & G 9-12-80	SCALE: 1" = 1000
CHECKED: CRW	DRWG. NO. M-15547
APPROVED:	1/4

WEXPRO COMPANY  
BUG WELL NO. 15  
LEASE NO.: U-23161  
NE NE SECTION 17, T.36S., R.26E.  
SAN JUAN COUNTY, UTAH  
10-Point Plan

1. The surface formation is Morrison.
2. Estimated tops of important geological markers are:

Morrison	Surface
Entrada	1095'
Carmel	1235'
Navajo	1285'
Chinle	1945'
Shinarump	2680'
Cutler	2950'
Honaker Trail	4645'
Paradox	5345'
Upper Ismay	5815'
Lower Upper Ismay (Base 2nd Shale)	5995'
Lower Ismay Shale	6060'
Lower Ismay Porosity	6180'
"B" Zone	6200'
Desert Creek	6255'
Lower Bench	6295'
Desert Creek Porosity	6305'
Salt	6390'
Total Depth:	6395'

Objective Reservoir: Lower Upper Ismay, 5995'  
Desert Creek Porosity, 6305'

Other Possible Producing Zones: Honaker Trail, 4645'  
Lower Ismay Porosity, 6180'

3. Estimated depths of anticipated water, oil or gas or other mineral bearing formations expected to be encountered:

No water flows anticipated. Surface casing is designed to protect aquifer in the Navajo sandstone.

Oil or gas expected in Objective Reservoir -- Lower Upper Ismay, 5995'; Desert Creek Porosity, 6305'. Also, the Honaker Trail, 4645', and the Lower Ismay Porosity, 6180', may be productive.

No mineral bearing formations anticipated.

Wexpro Company  
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San Juan County, Utah  
10-Point Plan

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4. Casing Program:

<u>Proposed</u>	<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>
Surface	2030'	9-5/8"	K-55	36#	New	8rd ST&C
Production	6395'	5-1/2"	K-55	17#	New	8rd LT&C

Cement Program:

Surface: 925 sacks of Regular Type "G" cement plus 70% excess cement treated with 5% Dowell D-43A or 3% Calcium Chloride.

Production: Cement volumes and composition to be determined from caliper logs. Cement casing with 50-50 Pozmix "A" cement. Cement to be set 1000' above the uppermost producing zone.

5. Operator's minimum specifications for pressure control equipment requires a 10", 3000 psi annular preventer, and a 10", 3000 psi double gate blowout preventer from the surface to the total depth. See attached diagram. Blowout preventers will be tested by rig equipment after each string of casing is run. All ram-type preventers will have hand wheels installed and operative at the time the preventers are installed.

6. Fresh water with minimum properties from surface to total depth. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. The mud weight will be brought up to 11.7 ppg before drilling into the Desert Creek zone at 6255'. Mud weight will start to increase at 6050'.

A fully manned logging unit will be used from 4500' to total depth. The contractor will catch 10-foot samples from surface to 4500'.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

7. Auxiliary equipment will consist of: (1) A manually operated kelly cock; (2) No floats at bit; (3) Mud will be monitored visually from 0' to total depth; and, (4) Full opening Shafer floor valve manually operated.

8. Four drill stem tests: 1 & 2) Honaker Trail 4645'  
3) Lower Upper Ismay 5995'  
4) Lower Ismay Porosity 6180'  
5) Desert Creek Porosity 6305'

Cores: 60', Desert Creek Porosity, 6305'

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NE NE S.17,T.36S.,R.26E.  
San Juan County, Utah  
10-Point Plan

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- Mechanical Logs:
1. Dual Induction Lateralog from total depth to surface pipe.
  2. Compensated Neutron-Density Log with caliper and Gamma Ray from total depth to surface pipe. Run Gamma Ray and CNL to surface.
  3. Continuous Dipmeter from total depth to 4400' (minimum run). Run Gamma Ray correlation log with Dipmeter.

During drill stem testing or when a completion rig is completing a well, some flaring of natural gases or produced gases will be necessary.

9. No abnormal temperatures or Hydrogen Sulfide is anticipated. No abnormal pressures anticipated except the Desert Creek Porosity at 6305'. The pressure will be controlled with a mud weight of 11.7 ppg before drilling into the Desert Creek Porosity zone.
10. The anticipated spud date is upon approval from the State of Utah and the U. S. Geological Survey. Duration of drilling will be approximately 25 days with 2 days completion.

ENTERLIST PROGRAM EQUIPMENT

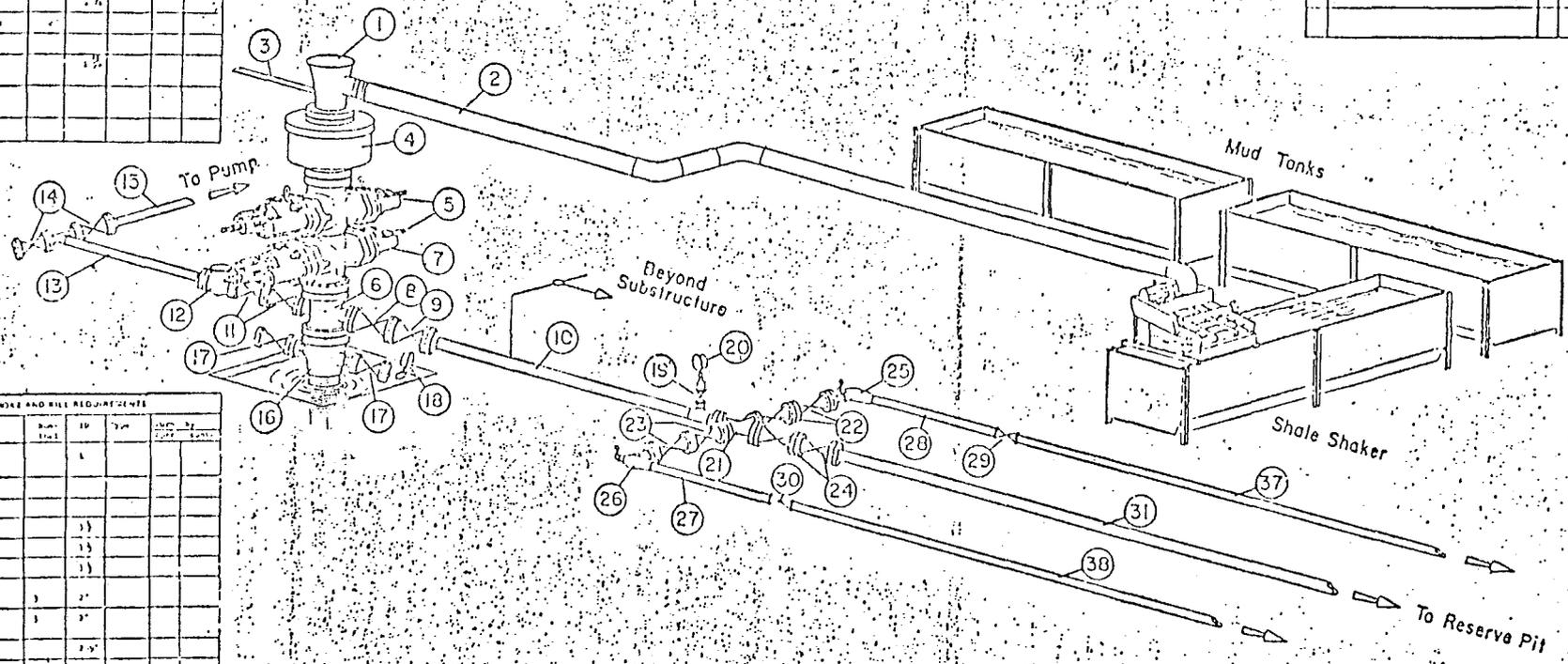
Item	Qty	Size	Spec	Notes
1	1			
2	1			
3	1	2"		
4	1			
5	1			
6	1			
7	1			
8	1			
9	1			
10	1			
11	1			
12	1			
13	1			
14	1			
15	1			
16	1			
17	1			
18	1			
19	1			
20	1			
21	1			
22	1			
23	1			
24	1			
25	1			
26	1			
27	1			
28	1			
29	1			
30	1			
31	1			
32	1			
33	1			
34	1			
35	1			
36	1			
37	1			
38	1			

# MOUNTAIN FUEL SUPPLY COMPANY

## 3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL END-USE AND BILL REQUIREMENTS			

SPECIAL STACK REQUIREMENTS			



Item	Qty	Size	Spec	Notes
19	1			
20	1			
21	1			
22	1			
23	1			
24	1			
25	1			
26	1			
27	1			
28	1			
29	1			
30	1			
31	1			
32	1			
33	1			
34	1			
35	1			
36	1			
37	1			
38	1			
39	1			

DEVELOPMENT PLAN FOR U.S.G.S. APPROVAL OF SURFACE USE  
WEXPRO DRILLING WELLS

Well Name: Bug Well No. 15

Field or Area: Bug - San Juan County, Utah

1. Existing Roads:

A) Proposed well site as staked: Refer to well location plat no. M-15547, well pad layout map no. M-15553 and area map no. M-15555 for location of well, access road, cuts and fills, directional reference stakes, etc.

B) Route and distance from nearest town or locatable reference point to where well access route leaves main road: Refer to area map no. M-15555. From the well to the town of Dove Creek is approximately 12.4 miles.

C) Access road to location: Refer to well location plat no. M-15547 and area map no. M-15555 for access road. (Color coded red for existing road and blue for road to be constructed.)

D) If exploratory well, all existing roads within a 3-mile radius of well site:  
Not an exploratory well.

E) If development well, all existing roads within a 1-mile radius:  
See Drawing M-15555

F) Plans for improvement and/or maintenance of existing roads:

Refer to Drawing M-15555. The red colored road to Bug Well No. 4 has been improved with additional culverts, regrading and additional base material applied. The proposed road will be improved from Bug Well No. 15 to Bug Well No. 4 in the same manner.

2. Planned Access Road:

A) Width - 16' wide from shoulder to shoulder.

B) Maximum grade - The maximum grade on the road is 5 percent.

C) Turnouts - No turnouts will be constructed.

D) Drainage design - Drainage ditches on the sides of both of the road will be constructed. It will be a minimum of one foot below the surface of the road. No water diversion ditches are anticipated.

E) Location and size of culverts and description of major cuts and fills -

1) No major cuts or fills are anticipated since the location and access road is on a flat ridge top.

2) No culverts will be installed.

F) Surfacing material - None anticipated.

G) Necessary gates, cattle guards or fence cuts - A cattleguard will be installed near the section line (Section 16 & 17) where an existing fence is located.

H) New or reconstructed roads - The new road to be constructed is center line flagged.

3. Location of Existing Wells - Refer to area map no. M-15555

A) Water wells - None within a three mile radius.

- B) Abandoned wells - None within a three mile radius.
  - C) Temporarily abandoned wells - None within a three mile radius.
  - D) Disposal wells - None within a three mile radius.
  - E) Drilling wells - Bug Well No. 10 located in Section 22 is scheduled to be drilling in the next few weeks.
  - F) Producing wells - Bug Well No. 4 is a producing well.
  - G) Shut-in wells - None within a three mile radius.
  - H) Injection wells - None within a three mile radius.
  - I) Monitoring or observation wells for other resources - None within a three mile radius.
4. Location of Existing and/or Proposed Facilities - Refer to area map no. M- 15555 & M-12205
- A) 1) Tank Batteries - A tank battery exists at Bug Well No. 4.
    - 2) Production Facilities - Production facilities exists at Bug Well No. 4 location for oil production. If the Bug Well No. 15 is productive, all production facilities will be located at a central production area.
    - 3) Oil Gathering Lines - None at this time.
    - 4) Gas Gathering Lines - None at this time.
    - 5) Injection Lines - None at this time.
    - 6) Disposal Lines - None at this time.
  - B) 1) Proposed location and attendant lines by flagging if off the well pad - A production line will follow the access road out to a central production area, if the well is found to be productive.
    - 2) Dimensions of facilities - Refer to drawing M-15553.
    - 3) Construction methods and materials - The on-location pipeline will be buried approximately 30-inches. The production equipment will be pre-fabricated equipment and located at a central production area. The tankage will have a fire dyke installed around it. The sump pit will be fenced and unlined.
    - 4) Protective measures and devices to protect livestock and wildlife - All sump pits will be fenced. The fence shall be woven wire at least 48-inches high and within 4-inches of the ground. If oil is in the sump pit, the pit will be overhead flagged to keep birds out.

C) Plans for rehabilitation of disturbed area no longer needed for operations after construction is completed - Areas of none use will be restored and reseeded as recommended by the B.L.M.

5. Location and Type of Water Supply -

A) Location of Water - Water will be withdrawn from a private reservoir in Section 16, T.36S., R.26E., belonging to Clyde Sanchez.

B) Method of Transporting Water - To be hauled to the location by a 100 BBL tank truck over existing roads.

C) Water Well to be Drilled on Lease - None anticipated.

6. Source of Construction Material - None anticipated.

A) Information - None

B) Identify if from Federal or Indian land - None

C) Where materials are to be obtained and used - None

D) Access roads crossing Federal or Indian lands - None

7. Method for Handling Waste Disposal -

A-D) Cuttings and drilling fluids will be placed in the mud pit. Any produced liquids will be placed in test tanks and hauled out by tank trucks. A chemical toilet will be installed on the well pad. The mud pit shall be constructed with at least 1/2 of its holding capacity below ground level. It shall be fenced as described in Section 10-A.

E) Garbage and other waste material will be placed in the burn pit and covered over with wire mesh to contain the garbage.

F) After drilling operations have been completed, the location will be cleared of litter, and the trash will be burned in the burn pit. The burn pit will be covered over. The mud pit liquids will be allowed to evaporate. Any fill material on the mud pit will be compacted with heavy equipment.

8. Ancillary Facilities - No camps or airstrips exist now, and Wexpro Company has no plans to build them.

9. Well Site Layout - Refer to drawing no. M- 15553

1) Refer to drawing no. M- 15554 for cross section of drill pad and mud pit with cuts and fills.

2, 3) Refer to the location plat for location of mud tanks, reserve pit, burn pit, pipe racks, living facilities, soil material stockpile, rig orientation, parking areas and access roads.

4) The mud pit is to be unlined.

10. Plans for Restoration of Surface -

A) After drilling operations, the well site will be cleared and cleaned and the burn pit filled in. Should the well be a dry hole, the surface will be restored to the extent that it will blend in with the landscape. Prior to the onset of drilling, the mud pit shall be fenced on three sides. Immediately upon completion of drilling, the fourth side of the pit will be fenced. The fence will be maintained until restoration.

B) Revegetation and rehabilitation of the location and access road will be done to comply with Bureau of Land Management recommendations.

C) Prior to rig release, pits will be fenced and so maintained until clean up. The trash pit will be dug so when filled, the depth will be at least three-feet below the finished contour of the location.

D) If oil is in the mud pit, overhead flagging will be installed to keep birds out.

E) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.

11. Other Information -

A) The location lies on a ridge just easterly of Monument Canyon. The vegetation is Juniper trees and native grass. The access road comes into the location for the easterly side and is an extension of the Bug Well No. 4 access road. The access road transverses through cultivated fields, then sandy soil conditions are encountered with Salt Sage, Sagebrush and native grass until it reaches the well pad.

B) The surface at the well site is U. S. Government along with all of the access road in Section 17. A portion of the remainder of the road transverses C. Sanchez land in Section 16 (see drawing M-15555).

C) No known archaeological, historical or cultural sites exist in the proposed area of disturbance, to my knowledge.

12. Lessee's or Operator's Representative -

A. J. Maser, Drilling Superintendent, P. O. Box 1129, Rock Springs, Wyoming 82901, Telephone No. 307-362-5611.

13. Certification -

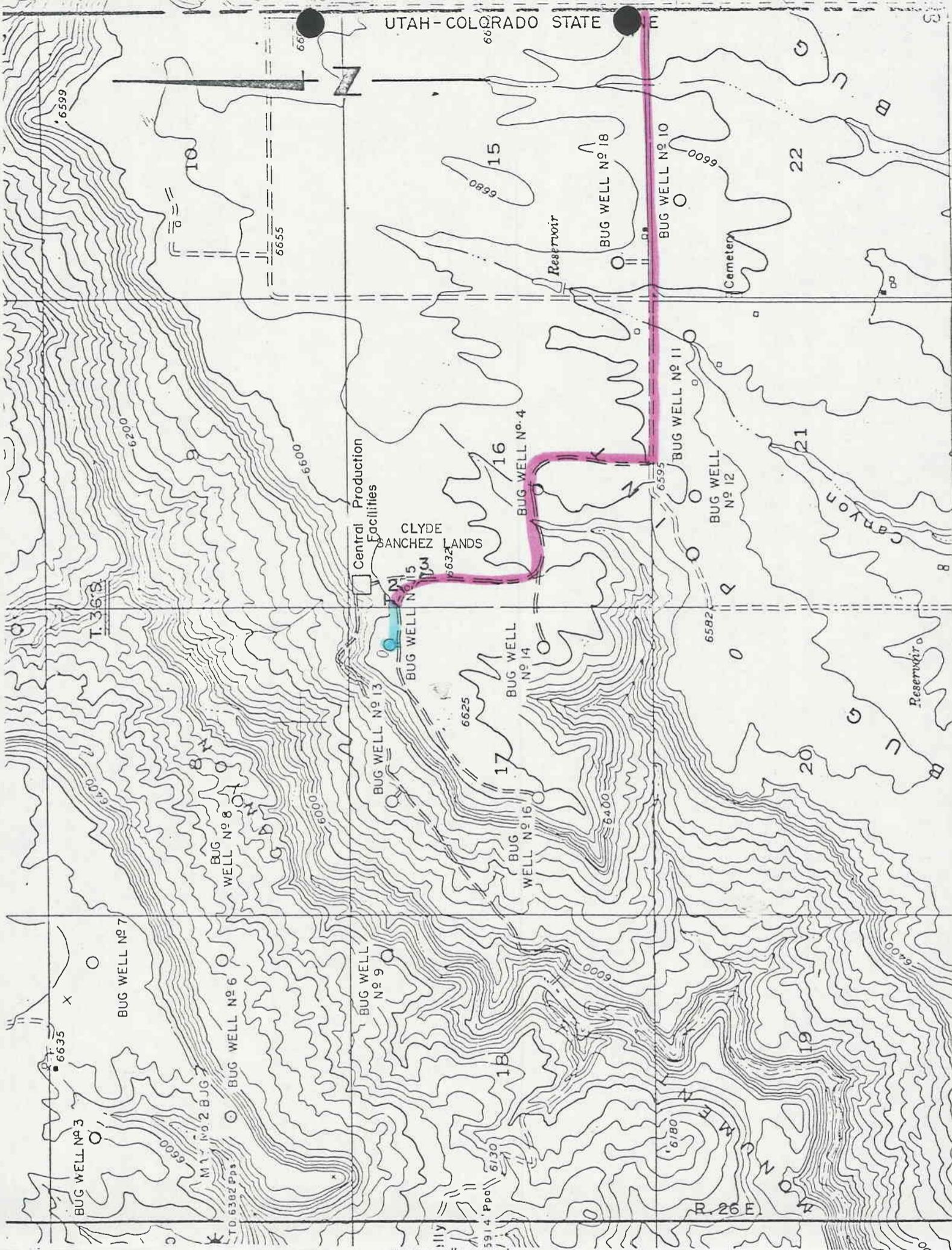
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Wexpro Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date 9/30/80

Name *A. J. Maser*

A. J. Maser

Title Drilling Superintendent



AREA MAP  
FOR  
BUG WELL LOCATIONS  
BUG No 15

ROAD SURVEY DATA

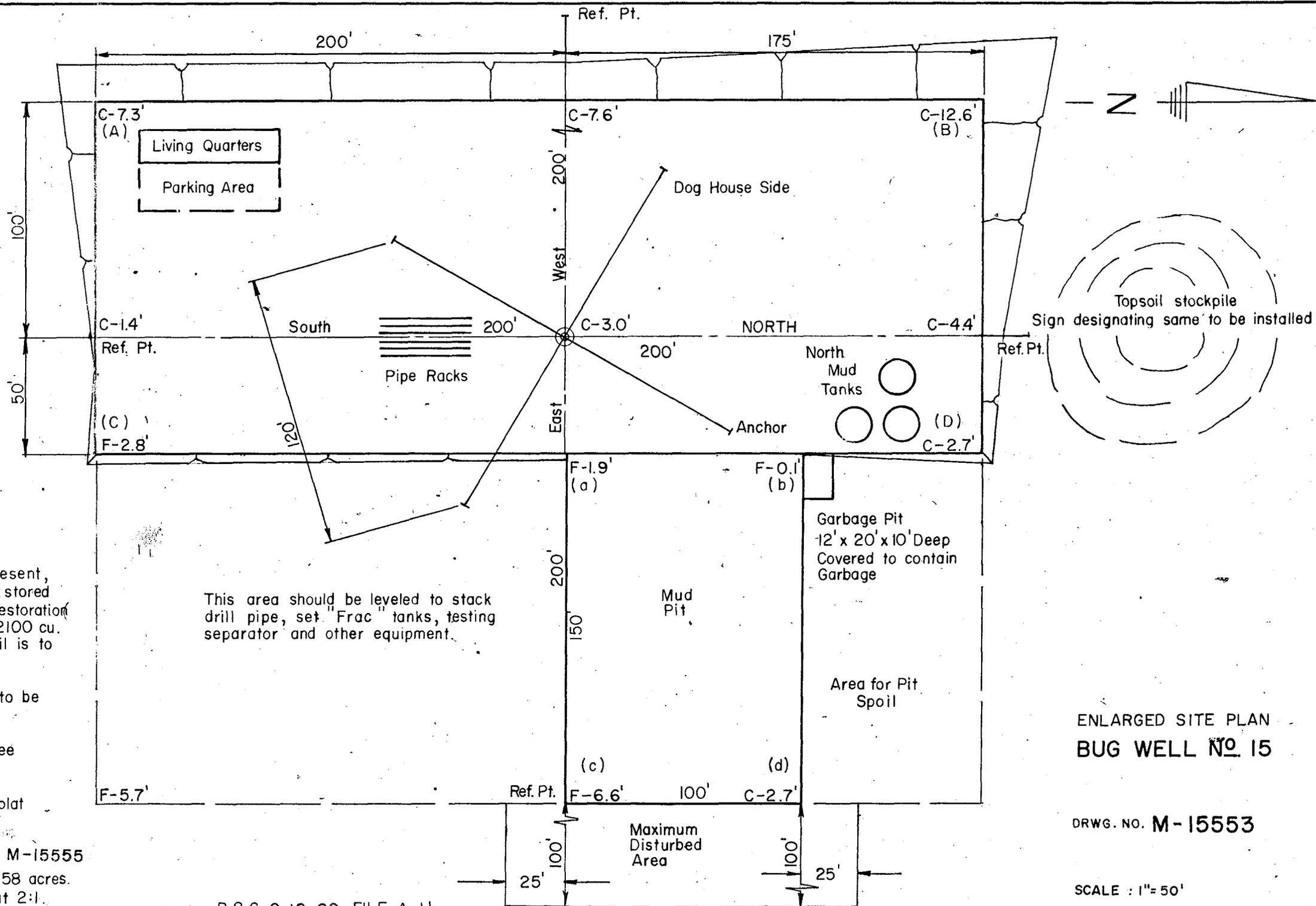
1. 0+00 S 46°12'15" E
2. 4+09.01 S 45°28'15" E
3. 7+37.55

CLYDE SANCHEZ LANDS

TABULATION  
737.55 FEET  
44.70 RODS  
0.14 MILES

SECTION TIES

ALL TIES ARE TO THE NORTHWEST COR.  
SECTION 16 T.36 S., R. 26 E.S.L.B.&M.  
END to cor. N 31°37'26" W. 1009.60  
0+00 to cor. N 0°10'10" E 346.27'



At sites where topsoil is present, same is to be removed and stored on the adjacent land for restoration at the site when required. 2100 cu. yds. or the top 6" of topsoil is to be stockpiled.

Mud and garbage pits are to be fenced and unlined.

For well location profiles see dwg. no. M-15554

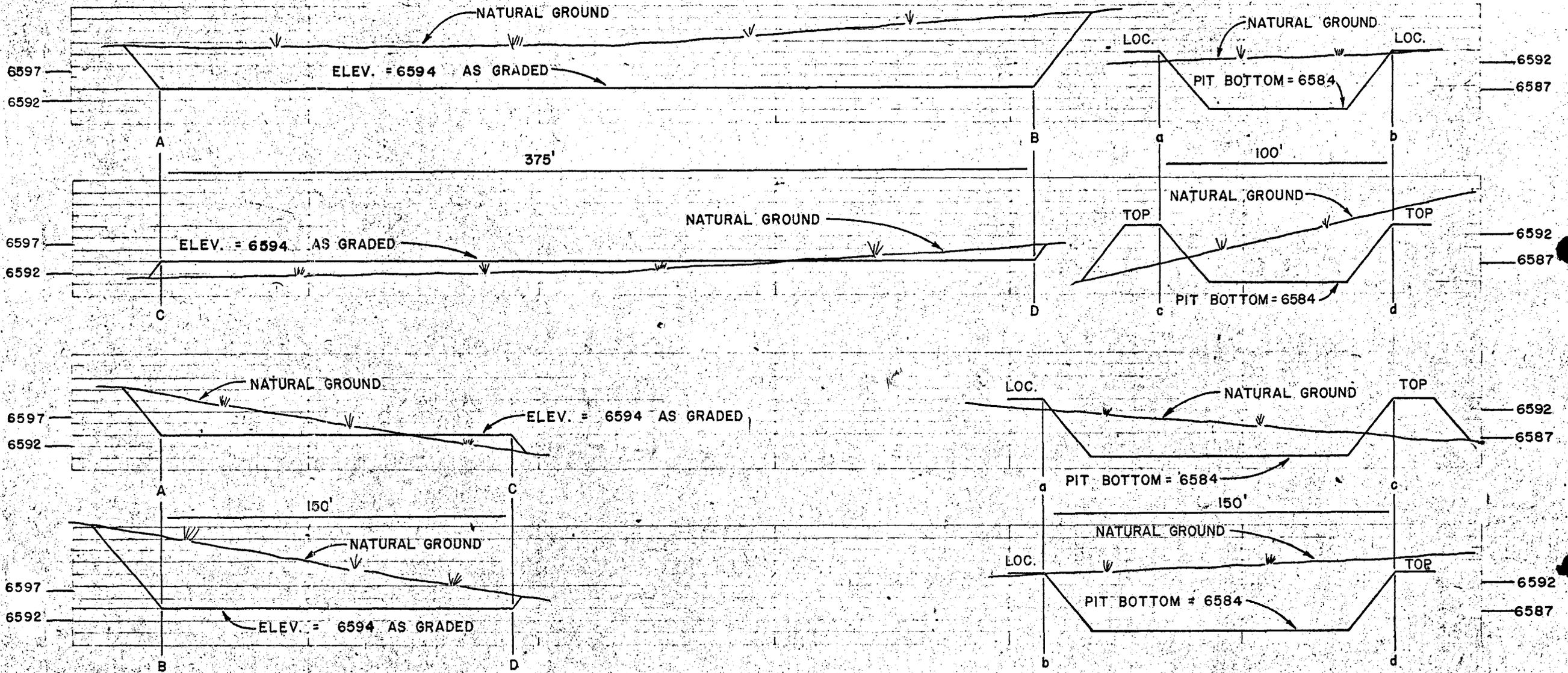
For well location certified plat see dwg. no. M-15547

For area map see dwg. no. M-15555

Area for well location is 2.58 acres.  
Cuts are at 2:1; Fills are at 2:1.

WELL PAD

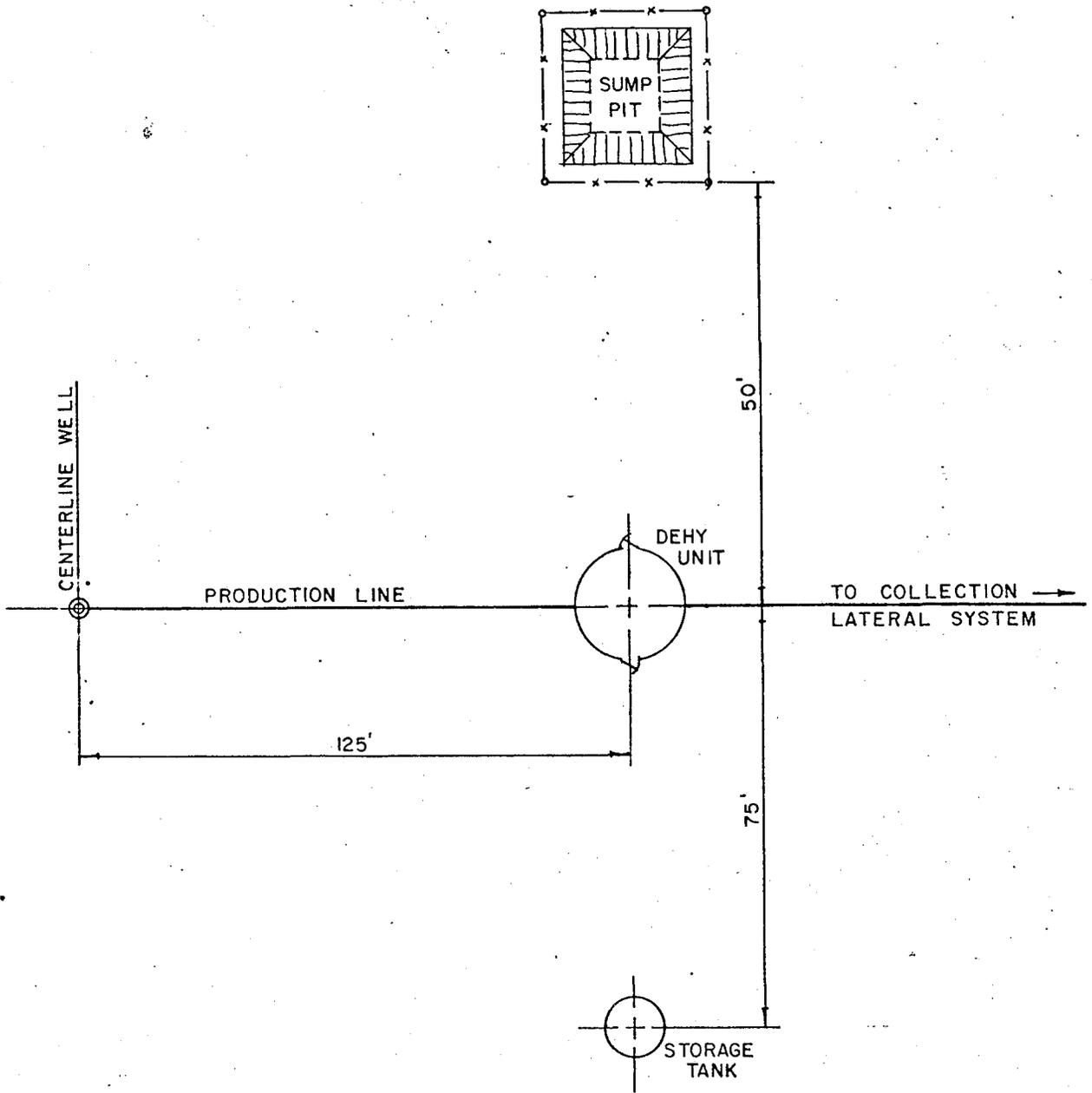
MUD PIT (UNLINED)



PROFILE SECTION PROFILE GRADE LOCATION  
 SCALE - HORIZ. : 1" = 50'  
 VERT. : 1" = 20'  
 CUTS - 2:1  
 FILLS - 2:1

PROFILE SECTIONS  
 BUG WELL NO. 15

DRWG. NO. M-15554  
 9/12/80 B & G CRW



REVISIONS			
NO.	DESCRIPTION	DATE	BY

**WEXPRO COMPANY**

TYPICAL PRODUCTION  
FACILITIES LAYOUT  
FOR  
**BUG WELL NO. 15**

DRAWN: 7/9/76 FJC		SCALE: NONE	
CHECKED:		DRWG. NO. M-12205	
APPROVED:			

FLUID SAMPLE DATA		Date	2-10-81	Ticket Number	980747
Sampler Pressure	150	P.S.I.G. at Surface	Kind of D.S.T.	OPEN HOLE	Halliburton Location
Recovery: Cu. Ft. Gas	02		Tester	GIBSON	Witness
cc. Oil			Drilling Contractor	ALL WESTERN	NM S
cc. Water	1900		EQUIPMENT & HOLE DATA		
cc. Mud			Formation Tested	Hansaker Trail	
Tot. Liquid cc.			Elevation	6609' Ft.	
Gravity		° API @	Net Productive Interval	-	
Gas/Oil Ratio		cu. ft./bbl.	All Depths Measured From	Kelly Bushing	
RESISTIVITY		CHLORIDE CONTENT	Total Depth	5071' Ft.	
Recovery Water	.11 @ 52	°F. 70,000	Main Hole/Casing Size	8 3/4" hole	
Recovery Mud		°F. ppm	Drill Collar Length	472' ? I.D. 2 1/4"	
Recovery Mud Filtrate		°F. ppm	Drill Pipe Length	4584' ? I.D. 3.826"	
Mud Pit Sample	1.80 @ 62	°F. 3,500	Packer Depth(s)	5016' - 5022' Ft.	
Mud Pit Sample Filtrate		°F. ppm	Depth Tester Valve	4999' Ft.	
Mud Weight	8.5	vis 36 sec.			

Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
	NONE	NONE	NONE	NONE	3/4"

Recovered	510'	Feet of	salt water cut mud	Mea. From Tester Valve
Recovered		Feet of		
Recovered		Feet of		
Recovered		Feet of		
Recovered		Feet of		

Remarks UNABLE TO PERFORM CALCULATION SERVICES - INSUFFICIENT HYDROCARBON PRODUCTION FROM WHICH TO OBTAIN PRODUCTION RATE.  
SEE PRODUCTION TEST DATA SHEET FOR REMAINDER OF THE REMARKS...

TEMPERATURE	Gauge No. 2032	Gauge No. 2033	Gauge No.	TIME	
	Depth: 5004' Ft.	Depth: 5067' Ft.	Depth: Ft.	(00:00-24:00 hrs.)	
Est.	24 Hour Clock	24 Hour Clock	Hour Clock	Tool	
°F.	Blanked Off NO	Blanked Off YES	Blanked Off	Opened 1250	
Actual 110 °F.	Pressures		Pressures	Opened Bypass 2002	
	Field	Office	Field	Office	
Initial Hydrostatic	2251.4	2222.0	2269.5	2252.0	
First Period	Flow Initial	53.4	53.0	79.6	90.6
	Flow Final	106.7	100.7	132.7	133.3
	Closed in	1772.7	1796.5	1773.5	1827.0
Second Period	Flow Initial	106.7	143.2	132.7	178.6
	Flow Final	213.4	237.4	265.3	270.6
	Closed in	1746.1	1756.6	1760.1	1786.8
Third Period	Flow Initial				
	Flow Final				
	Closed in				
Final Hydrostatic	2251.4	2226.0	2269.5	2256.0	

Legal Location Sec. - Twp. - Rng. 17 - 36S - 26E  
 Lease Name BUG  
 Well No. 15  
 Test No. 1  
 Tested Interval 5022' - 5071'  
 County SAN JUAN  
 State UTAH  
 Lease Owner/Company Name WEXPRO COMPANY

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp. \_\_\_\_\_ °F Ticket No. 980747  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED**

Date Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
2-10-81 0630					On location.
0645					Picked up the tools.
0917					Tool made up and in the hole.
1245					On bottom with the tools.
1250					Opened tool - 4" in a 5 gallon bucket.
1255					6" in the bucket.
1310					10" in the bucket.
1315					10" in the bucket.
1320					Closed tool - 10" in the bucket.
1457					Opened tool - 1" in the bucket.
1505					3"
1530					5½"
1600					5"
1630					7"
1645					5"
1657					Closed tool.
2002					Opened bypass and tool out of the hole.
2314					Out of the hole with the tools.

Gauge No. 2032			Depth 5004'			Clock No. 13840			24 hour		Ticket No. 980747			
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.000	53.0		100.7	.000	143.2	.000		237.4					
1	.0197	51.7*	.0198		396.5	153.8**	.0463		740.1**					
2	.0362	64.9	.0395		850.9	172.4	.0860		1043.5					
3	.0526	75.5	.0593		1087.0	188.3	.1257		1224.2					
4	.0691	83.5	.0790		1258.5	202.9	.1654		1340.3					
5	.0856	92.8	.0988		1374.6	212.2	.2051		1428.7					
6	.1020	100.7	.1185		1461.7	217.5	.2448		1494.7					
7			.1383		1527.9	222.8	.2845		1547.8					
8			.1580		1582.4	228.1	.3242		1589.0					
9			.1778		1627.6	233.4	.3638		1623.6					
10			.1975		1666.2	237.4	.4035		1654.2					
11			.2173		1695.4		.4432		1679.5					
12			.2370		1720.7		.4829		1702.1					
13			.2568		1744.6		.5226		1723.4					
14			.2765		1764.6		.5623		1740.6					
15			.2963		1781.9		.6020		1756.6					
Gauge No. 2033		.3160		Depth 5067'		Clock No. 7276		hour 24						
0	.000	90.6	.000		133.3	.000	178.6	.000		270.6				
1	.0197	85.3*	.0199		426.6	.0462	187.9**	.0462		775.2**				
2	.0362	98.6	.0398		849.7	.0859	206.6	.0859		1081.3				
3	.0526	107.9	.0596		1115.9	.1255	222.6	.1255		1257.3				
4	.0691	117.3	.0796		1289.3	.1652	237.3	.1651		1369.3				
5	.0856	125.3	.0994		1401.3	.2048	245.3	.2047		1453.3				
6	.1020	133.3	.1193		1491.9	.2444	249.3	.2444		1524.1				
7			.1391		1558.9	.2841	255.9	.2840		1577.7				
8			.1590		1616.6	.3237	261.3	.3236		1621.9				
9			.1789		1659.5	.3634	266.6	.3632		1656.8				
10			.1988		1695.7	.4030	270.6	.4029		1686.3				
11			.2186		1725.2			.4425		1710.4				
12			.2385		1750.6			.4821		1733.2				
13			.2584		1776.1			.5217		1753.3				
14			.2783		1796.2			.5614		1770.7				
15			.2981		1812.3			.6010		1786.8				
Reading Interval 5		.3180		6		12		12		Minutes				
REMARKS: * INTERVAL = 6 MINUTES. ** INTERVAL = 14 MINUTES.														

SPECIAL PRESSURE DATA

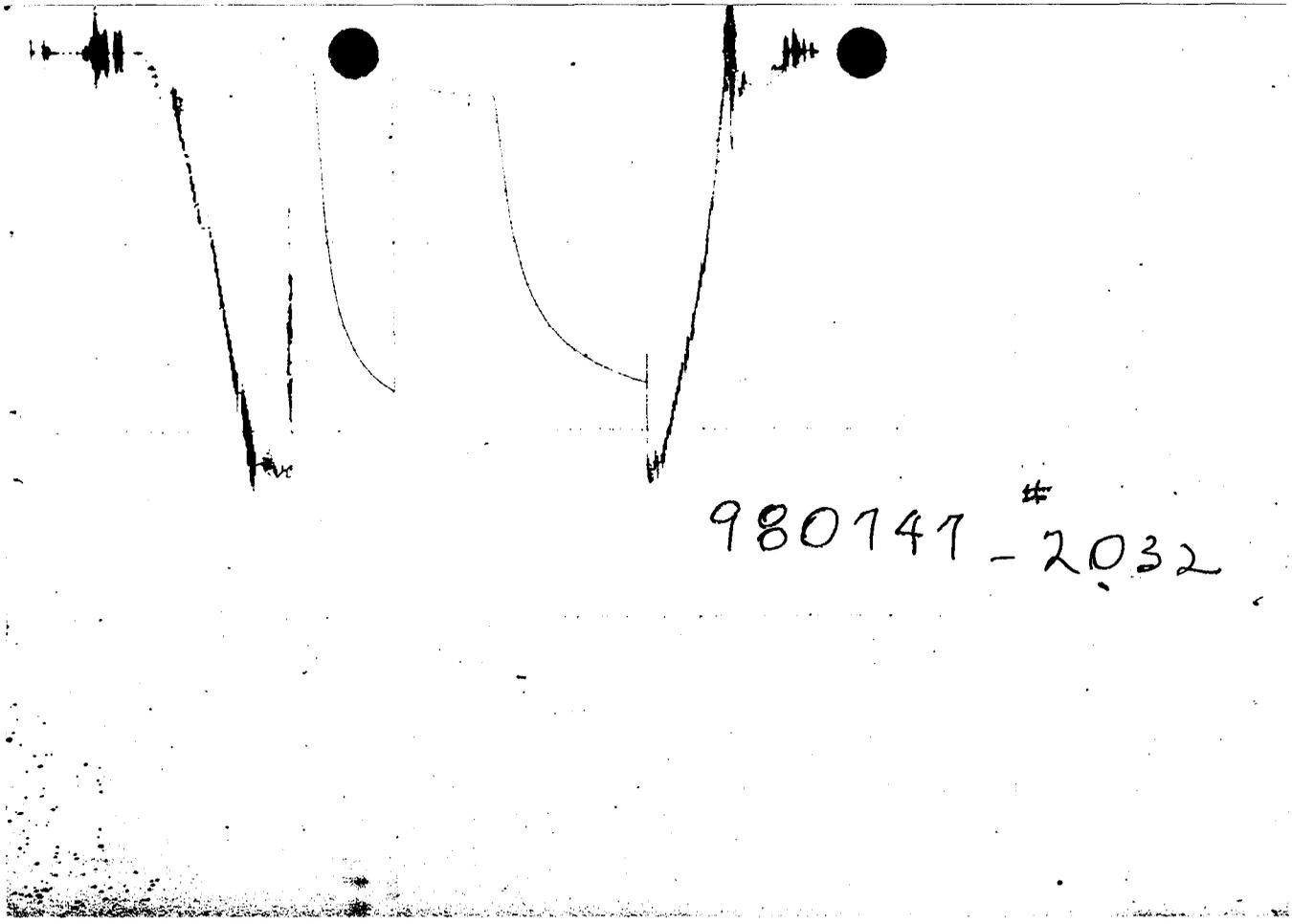
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	4 1/2"	3.826"	4584' ?	
Drill Collars				4902'
Reversing Sub				
Water Cushion Valve				
Drill Pipe	7"	2 1/4"	472' ?	
Drill Collars				
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.87"	3'	4993'
Dual CIP Sampler	5"	.75"	3'	4996'
Hydro-Spring Tester	5"	.75"	5'	4999'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3"	4.1'	5004'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	5016'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	5022'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor			45'	
Blanked-Off B.T. Running Case			4.5'	5067'
Total Depth				5071'

PRESSURE

↓

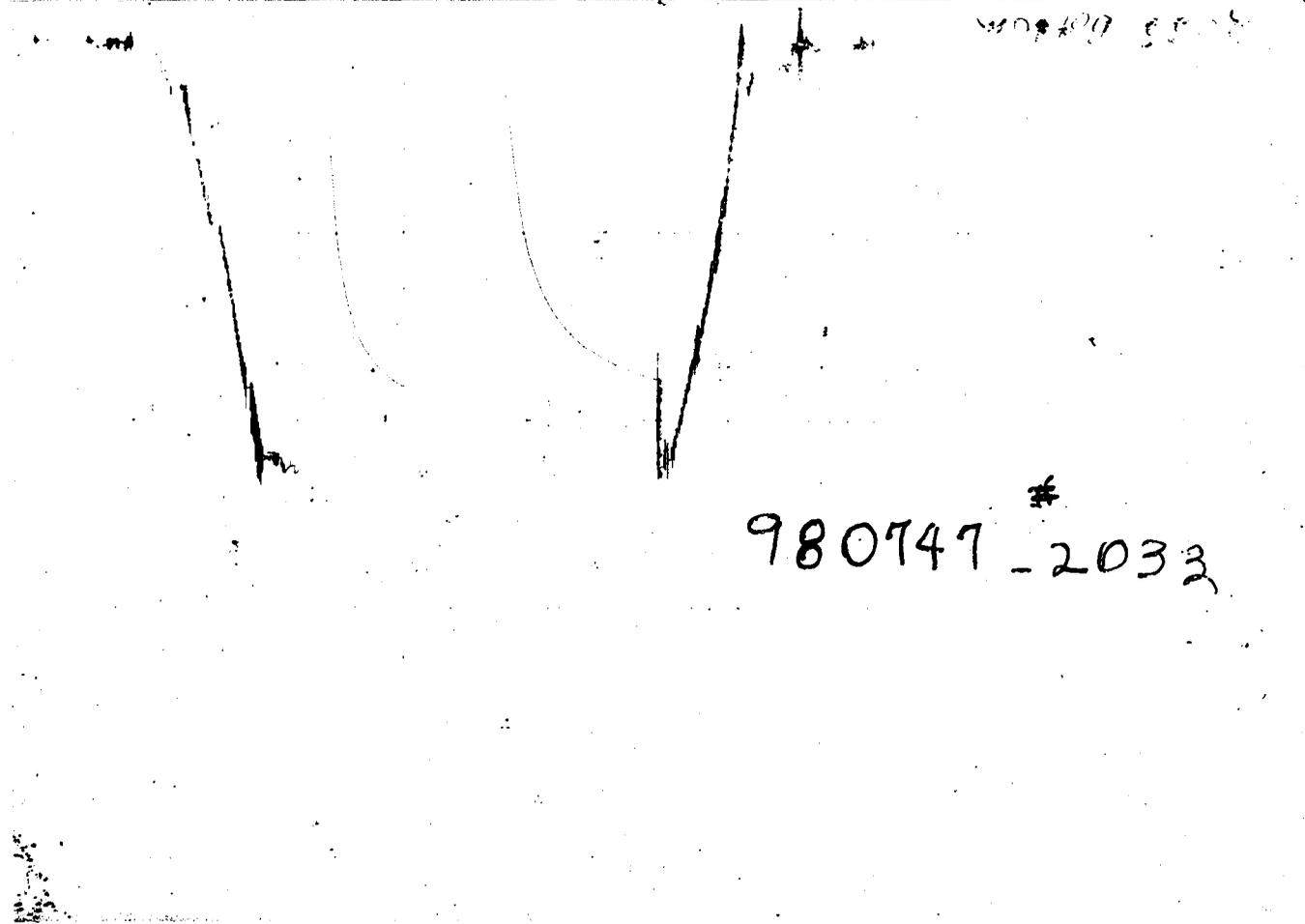
TIME

980747-2032<sup>#</sup>



980747-2033

980747-2033<sup>#</sup>



Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA				Date	2-11-81	Ticket Number	980748
Sampler Pressure _____ P.S.I.G. at Surface				Kind of D.S.T.	OPEN HOLE	Halliburton Location	FARMINGTON
Recovery: Cu. Ft. Gas _____				Tester	LARRY GIBSON	Witness	MIKE SLIGART
cc. Oil _____				Drilling Contractor	ALL WESTERN RIG #		sm
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud 2500				Formation Tested	Honaker trail		
Tot. Liquid cc. 2500				Elevation	6626'		
Gravity _____ ° API @ _____ ° F.				Net Productive Interval	_____ Ft.		
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From	Kelly bushing (Above GL)		
RESISTIVITY CHLORIDE CONTENT				Total Depth	5174' _____ Ft.		
				Sampler mud 2.0 @ 57 °F. 4000 ppm	Main Hole/Casing Size	8 3/4" _____ Ft.	
Recovery Mud 2.08 @ 65 °F. 3100 ppm				Drill Collar Length	457'	I.D.	2.25"
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Drill Pipe Length	4594'	I.D.	3.826"
Mud Pit Sample 2.26 @ 68 °F. 2800 ppm				Packer Depth(s)	5087-5093' _____ ft.		
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Depth Tester Valve	5069' _____ Ft.		
Mud Weight 8.7 vis 37 sec.				Adj.			
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke	
					Bubble hose	.75"	
Recovered	190	Feet of	mud				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET...No gas to the surface							
TEMPERATURE							
Gauge No. 2032		Gauge No. 2033		Gauge No.		TIME	
Depth: 5073 Ft.		Depth: 5170 Ft.		Depth: _____ Ft.		(00:00-24:00 hrs.)	
24 Hour Clock		24 Hour Clock		Hour Clock		Tool	
Est. °F.	Blanked Off NO	Blanked Off YES	Blanked Off	Blanked Off		Opened 1909	
Actual 120 °F.	Pressures		Pressures		Pressures		Opened Bypass 0100
	Field	Office	Field	Office	Field	Office	Reported
Initial Hydrostatic	2251.4	2275.2	2269	2317.6			Minutes
First Period	Flow Initial	53.1	50.3	106.7	121.3		Minutes
	Flow Final	53.1	50.3	106.7	97.3		29
	Closed in	265.3	226.7	266.7	267.9		93
Second Period	Flow Initial	53.1	70.2	106.7	126.6		Minutes
	Flow Final	53.1	72.9	106.7	118.6		49
	Closed in	291.8	313.0	346.7	355.9		180
Third Period	Flow Initial						Minutes
	Flow Final						Minutes
	Closed in						Minutes
	Final Hydrostatic	2251.4	2275.2	2269	2315.0		Minutes

Legal Location Sec. - Twp. - Rng. 15 2  
 Well No. 17 36S 26E  
 Lease Name BUG  
 Field Area BUG  
 Meas. From Tester Valve  
 County SAN JUAN  
 State UTAH  
 Tested Interval 5093 - 5174'  
 Lease Owner/Company Name WEXPRO COMPANY

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. 980748  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

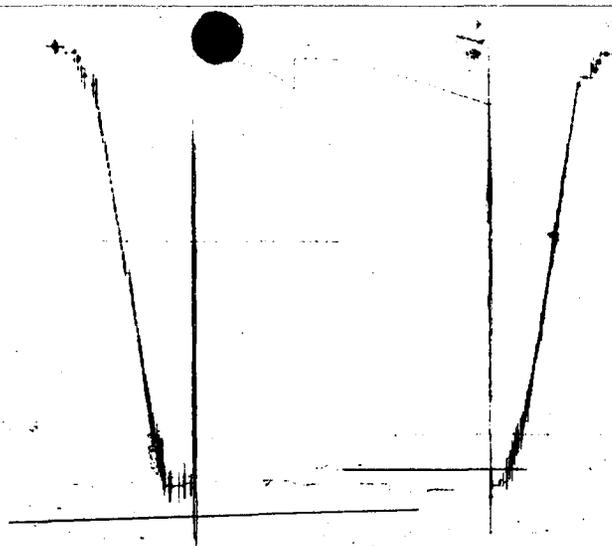
**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED**

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1400						On location
1420						Started clocks
1445						Picked up tools
1630						Tools made up-tripped in hole
1852						On bottom
1909						Opened tools
1911						2" in 5 gallon bucket
1915						" "
1920						" "
1925						" "
1930						" "
1935						" "
1938						Closed tool
2111						Opened tool with very, very weak blow
2115						Very, very weak blow
2137						No blow
2150						No blow
2200						Closed tool
0100	2-12-81					Opened bypass
0353						Out of hole with tool
0430						Laid down tools.

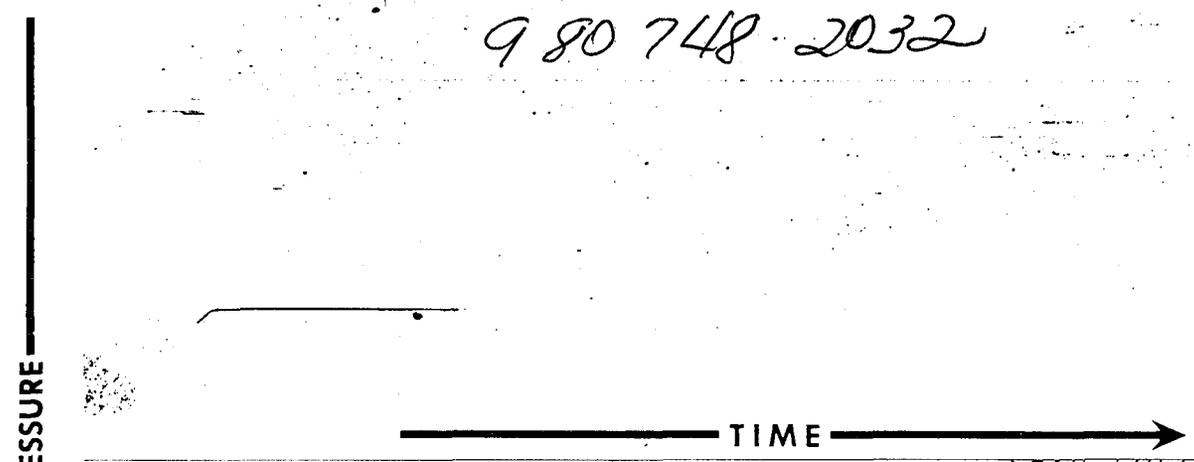
11

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	6"	2.50"	1'	5001'
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4594'	
Drill Collars	6"	2.25"	457'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	7'	5061'
Hydro-Spring Tester	5"	.75"	5'	5069'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3"	4'	5073'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1'	3'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	5087'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	5093'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6"	2.25"	30'	
Flush Joint Anchor	5 3/4"	3.50"	47'	
Blanked-Off B.T. Running Case	5 3/4"		4.5'	5170'
Total Depth				5174'

1032 TOP 944 101 2508



980748-2032



1033 1307 101 2508

980748-2033

Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure <u>820</u> P.S.I.G. at Surface		Date <u>2-12-81</u>		Ticket Number <u>894705</u>		Kind of D.S.T. <u>OPEN HOLE</u>	
Recovery: Cu. Ft. Gas <u>11.039</u>		Tester <u>FREIDLINE</u>		Witness <u>SLIGER</u>		Halliburton Location <u>FARMINGTON</u>	
cc. Oil _____		Drilling Contractor <u>ALL WESTERN</u>		NM S			
cc. Water <u>2200</u>		EQUIPMENT & HOLE DATA					
cc. Mud _____		Formation Tested <u>Honsaker Trail</u>					
Tot. Liquid cc. <u>2200</u>		Elevation <u>6626'</u> Ft.					
Gravity _____ ° API @ _____ °F.		Net Productive Interval <u>15'</u> Ft.					
Gas/Oil Ratio _____ cu. ft./bbl.		All Depths Measured From <u>Kelly Bushing</u>					
RESISTIVITY		Total Depth <u>5261'</u> Ft.					
CHLORIDE CONTENT		Main Hole/Casing Size <u>8 3/4"</u>					
Recovery Water <u>.031 @ 64</u> °F. <u>SAT.</u> ppm		Drill Collar Length <u>435'</u> I.D. <u>2.25"</u>					
Recovery Mud _____ @ _____ °F. _____ ppm		Drill Pipe Length <u>4751'</u> I.D. <u>3.826"</u>					
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm		Packer Depth(s) <u>5205' - 5211'</u> ft.					
Mud Pit Sample <u>1.41 @ 60</u> °F. <u>4500</u> ppm		Depth Tester Valve <u>5195'</u> Ft.					
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm		Mud Weight <u>8.7</u> vis <u>36</u> sec.					
TYPE <u>NONE</u> AMOUNT <u>NONE</u>		Depth Back Pres. Valve <u>NONE</u>		Surface Choke <u>3/4" ADJ</u>		Bottom Choke <u>3/4"</u>	
Recovered <u>180'</u> Feet of <u>water cut mud</u>		Recovered <u>700'</u> Feet of <u>water</u>		Recovered _____ Feet of _____		Recovered _____ Feet of _____	
Remarks <u>NO CALCULATIONS PERFORMED DUE TO PREDOMINANT PRODUCTION BEING WATER..</u>							
<u>GAS TO THE SURFACE 1 MINUTE INTO THE FIRST CLOSED IN PRESSURE PERIOD.</u>							
<u>SEE PRODUCTION TEST DATA SHEET...</u>							
TEMPERATURE		Gauge No. <u>2033</u>		Gauge No. <u>2032</u>		Gauge No. _____	
Depth: <u>5201'</u> Ft.		Depth: <u>5258'</u> Ft.		Depth: _____ Ft.		TIME (00:00-24:00 hrs.)	
<u>24</u> Hour Clock		<u>12</u> Hour Clock		Hour Clock		Tool Opened <u>2152</u>	
Est. °F. <u>Blanked Off NO</u>		Blanked Off <u>YES</u>		Blanked Off _____		Opened Bypass <u>0728</u>	
Actual <u>118</u> °F.		Pressures		Pressures		Reported _____ Computed _____	
		Field Office		Field Office		Minutes Minutes	
Initial Hydrostatic		<u>2349.9 2367.2</u>		<u>2397.7 2400.2</u>			
Flow Initial		<u>40.0 47.9</u>		<u>66.4 76.9</u>			
Flow Final		<u>160.0 153.3</u>		<u>172.5 179.0</u>		<u>32 32</u>	
Closed in		<u>2014.8 2017.4</u>		<u>2051.9 2049.2</u>		<u>123 123</u>	
Flow Initial		<u>106.7 118.6</u>		<u>132.7 155.1</u>			
Flow Final		<u>413.4 421.3</u>		<u>451.0 449.6</u>		<u>181 183</u>	
Closed in		<u>2001.4 1995.9</u>		<u>2012.0 2014.6</u>		<u>240 239</u>	
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		<u>2363.3 2367.2</u>		<u>CHART TIME EXPIRED...</u>			

Legal Location Sec. - TWP. - Rng. 17 - 36S - 26E

Lease Name BUG

Well No. 15

Test No. 3

Field Area BUG

Meas. From Tester Valve

Tested Interval 5211' - 5261'

County SAN JUAN

State UTAH

Lease Owner/Company Name WEXPRO

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. 894705  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED \_\_\_\_\_

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1700						On location.
1830						Picked up the tools.
2000						Trip in the hole.
2152						Opened tool with a strong blow.
2153						Hose to the bottom of the bucket.
2158			2#			
2203			6			
2208			10			
2224			15			Closed tool - opened flow line to the pit.
2225						Gas to the surface.
0027						Opened tool with a strong blow - flowed to the pit with orifice well tester.
0037		1/8"	10	9.45		
0042		"	12	10.5		
0047		"	15	12.1		
0103		"	18	13.5		
0118		"	20	14.6		
0133		"	"	14.6		
0147		"	"	14.6		
0203		"	"	14.6		
0218		"	"	14.6		
0233		"	18	13.5		
0247		"	15	12.1		
0303		"	14	11.6		
0318		"	11	10.0		
0328						Closed tool.



Gauge No. 2033			Depth 5201'				Clock No. 13840			24 hour		Ticket No. 894705			
First Flow Period			First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	47.9	.000		153.3	.000	118.6	.000		421.3					
1	.0234	73.3 *	.0361		1647.4**	.0595	166.6***	.0496		1634.0****					
2	.0401	90.6	.0624		1758.7	.1091	197.3	.1025		1778.8					
3	.0568	107.9	.0887		1824.4	.1587	225.3	.1554		1840.4					
4	.0736	123.9	.1150		1869.9	.2083	255.9	.2082		1879.3					
5	.0903	137.3	.1412		1903.4	.2579	282.6	.2611		1906.1					
6	.1070	153.3	.1675		1927.6	.3075	306.6	.3140		1927.6					
7			.1938		1947.7	.3570	329.3	.3669		1942.3					
8			.2201		1963.8	.4066	355.9	.4198		1954.4					
9			.2463		1975.8	.4562	378.6	.4727		1963.8					
10			.2726		1987.9	.5058	394.6	.5256		1970.5					
11			.2989		1994.6	.5554	407.9	.5784		1977.2					
12			.3252		2004.0	.6050	421.3	.6313		1982.5					
13			.3515		2009.3			.6842		1986.6					
14			.3777		2014.7			.7371		1991.9					
15			.4040		2017.4			.7900		1995.9					

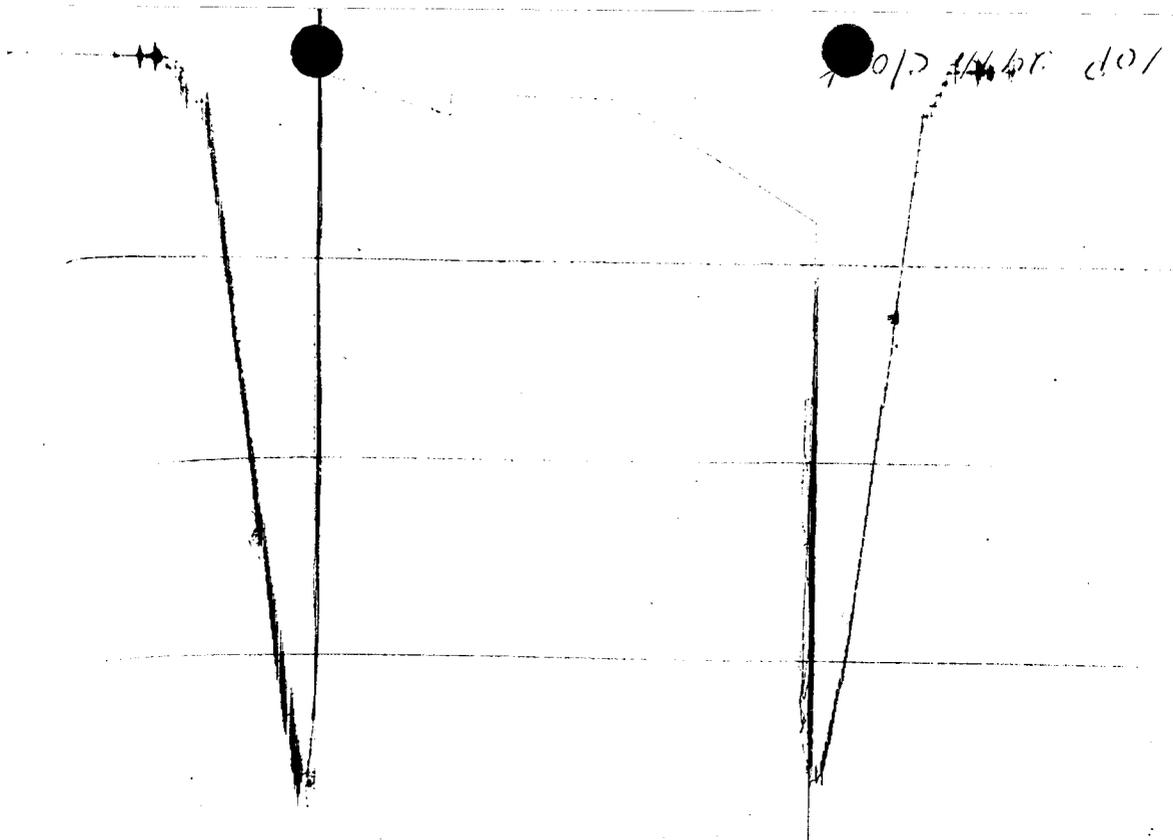
Gauge No. 2032			Depth 5258'				Clock No. ????			hour 12					
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	76.9	.000		179.0	.000	155.1	.000		449.6					
1	.0479	98.1 *	.0744		1670.2**	.1223	192.3***	.1018		1659.5****					
2	.0821	115.3	.1285		1788.5	.2245	222.8	.2104		1811.1					
3	.1163	133.9	.1826		1856.3	.3264	251.9	.3190		1873.6					
4	.1506	149.8	.2367		1902.9	.4283	283.8	.4276		1913.5					
5	.1848	161.8	.2909		1937.5	.5302	310.3	.5362		1941.4					
6	.2190	179.0	.3450		1961.4	.6320	332.9	.6448		1960.1					
7			.3991		1981.3	.7339	356.7	.7534		1974.7					
8			.4532		1997.3	.8358	383.3	.8619		1986.7					
9			.5073		2009.3	.9377	408.5	.9705		1996.0					
10			.5614		2019.9	1.0396	424.4	1.0791		2002.6					
11			.6155		2027.9	1.1415	437.6	1.1877		2009.3					
12			.6697		2034.5	1.2430	449.6	1.2963		2014.6					
13			.7238		2041.2			1.3030		2014.6(CTE)					
14			.7779		2046.5										
15			.8320		2049.2										

Reading Interval 5 8 15 16 Minutes

REMARKS: \* INTERVAL = 7 MINUTES. \*\* INTERVAL = 11 MINUTES. \*\*\* INTERVAL = 18 MINUTES. \*\*\*\* INTERVAL = 15 MINUTES.  
 CTE = READ AT THE END OF 191.9 MINUTES WHEN CHART TIME EXPIRED... LAST INTERVAL = 1 MINUTE.

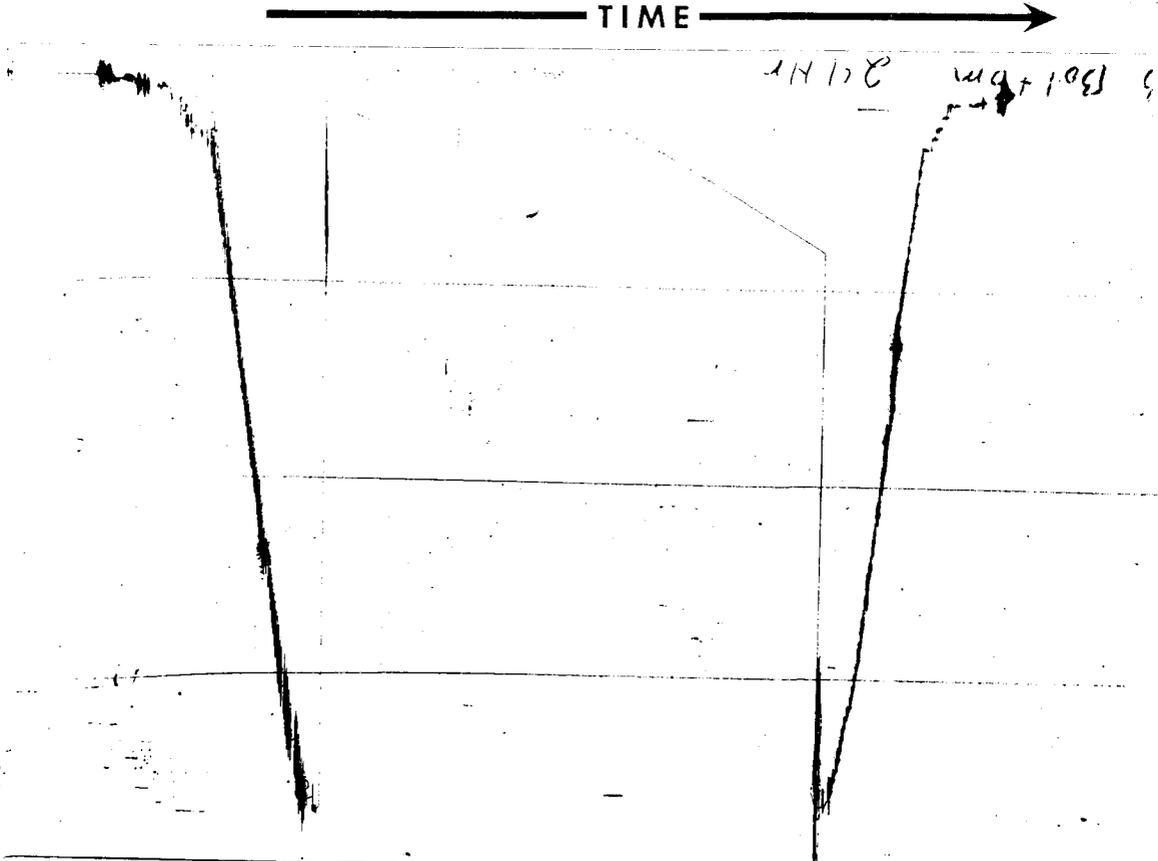
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars			1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4751'	
Drill Collars	7"	2.25"	435'	
* <del>Heading Sub &amp; Choke Assembly</del> X/O	6"	3"	1'	
** <del>Dual CIP Valve</del> X/O	6"	3"	1'	
Dual CIP Sampler	5"	.75"	6.75'	5188'
Hydro-Spring Tester	5"	.75"	5.02'	5195'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.25"	4.11'	5201'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	5205'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	5211'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	3.5"	45'	
Blanked-Off B.T. Running Case	5 3/4"	-	4'	5258'
Total Depth				5261'

2032 10P 2471 c/0



980749-2032

2033 1301 + 0m 2471



980749-2033

Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA				Date	2-12-81	Ticket Number	894705		
Sampler Pressure	820	P.S.I.G. at Surface		Kind of D.S.T.	OPEN HOLE	Halliburton Location	FARMINGTON		
Recovery: Cu. Ft. Gas	11.039			Tester	FREIDLINE	Witness	SLIGER		
cc. Oil				Drilling Contractor	ALL WESTERN		NM S		
cc. Water	2200			EQUIPMENT & HOLE DATA					
cc. Mud				Formation Tested	Honsaker Trail				
Tot. Liquid cc.	2200			Elevation	6626'	Ft.			
Gravity		° API @ _____ °F.		Net Productive Interval	15'	Ft.			
Gas/Oil Ratio		cu. ft./bbl.		All Depths Measured From	Kelly Bushing				
RESISTIVITY				Total Depth	5261'	Ft.			
CHLORIDE CONTENT				Main Hole/Casing Size	8 3/4"				
Recovery Water	.031 @ 64	°F. SAT. ppm		Drill Collar Length	435'	I.D. 2.25"			
Recovery Mud		°F. ppm		Drill Pipe Length	4751'	I.D. 3.826"			
Recovery Mud Filtrate		°F. ppm		Packer Depth(s)	5205' - 5211'				
Mud Pit Sample	1.41 @ 60	°F. 4500 ppm		Depth Tester Valve	5195'				
Mud Pit Sample Filtrate		°F. ppm							
Mud Weight	8.7	vis 36 sec.							
Cushion	TYPE NONE	AMOUNT	Depth Back Pres. Valve	Surface Choke	3/4" ADJ	Bottom Choke	3/4"		
Recovered	180'	Feet of	water cut mud						
Recovered	700'	Feet of	water						
Recovered		Feet of							
Recovered		Feet of							
Recovered		Feet of							
Remarks	NO CALCULATIONS PERFORMED DUE TO PREDOMINANT PRODUCTION BEING WATER..								
	GAS TO THE SURFACE 1 MINUTE INTO THE FIRST CLOSED IN PRESSURE PERIOD.								
	SEE PRODUCTION TEST DATA SHEET...								
TEMPERATURE	Gauge No. 2033	Gauge No. 2032	Gauge No.	TIME (00:00-24:00 hrs.)					
	Depth: 5201' Ft.	Depth: 5258' Ft.	Depth: Ft.						
Est.	24 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened 2152					
	Blanked Off NO	Blanked Off YES	Blanked Off	Opened Bypass 0728					
Actual 118 °F.	Pressures		Pressures		Pressures		Reported	Computed	
	Field	Office	Field	Office	Field	Office	Minutes	Minutes	
Initial Hydrostatic	2349.9	2367.2	2397.7	2400.2					
First Period	Flow Initial	40.0	47.9	66.4	76.9				
	Flow Final	160.0	153.3	172.5	179.0		32	32	
	Closed in	2014.8	2017.4	2051.9	2049.2		123	123	
Second Period	Flow Initial	106.7	118.6	132.7	155.1				
	Flow Final	413.4	421.3	451.0	449.6		181	183	
	Closed in	2001.4	1995.9	2012.0	2014.6CTE		240	239	
Third Period	Flow Initial								
	Flow Final								
	Closed in								
Final Hydrostatic	2368.3	2367.2	CHART TIME EXPIRED...						

Legal Location Sec. - Twp. - Rng. 17 - 36S - 26E

Lease Name BUG

Well No. 15

Test No. 3

Tested Interval 5211' - 5261'

County SAN JUAN

State UTAH

Lease Owner/Company Name MEXPRO

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. 894705  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED \_\_\_\_\_

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1700						On location.
1830						Picked up the tools.
2000						Trip in the hole.
2152						Opened tool with a strong blow.
2153						Hose to the bottom of the bucket.
2158			2#			
2203			6			
2208			10			
2224			15			Closed tool - opened flow line to the pit.
2225						Gas to the surface.
0027						Opened tool with a strong blow - flowed to the pit with orifice well tester.
0037		1/8"	10	9.45		
0042		"	12	10.5		
0047		"	15	12.1		
0103		"	18	13.5		
0118		"	20	14.6		
0133		"	"	14.6		
0147		"	"	14.6		
0203		"	"	14.6		
0218		"	"	14.6		
0233		"	18	13.5		
0247 x		"	15	12.1		
0303		"	14	11.6		
0318		"	11	10.0		
0328						Closed tool.



Gauge No. 2033			Depth 5201'			Clock No. 13840			24 hour		Ticket No. 894705				
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	47.9	.000		153.3	.000	118.6	.000		421.3					
1	.0234	73.3 *	.0361		1647.4**	.0595	166.6***	.0496		1634.0****					
2	.0401	90.6	.0624		1758.7	.1091	197.3	.1025		1778.8					
3	.0568	107.9	.0887		1824.4	.1587	225.3	.1554		1840.4					
4	.0736	123.9	.1150		1869.9	.2083	255.9	.2082		1879.3					
5	.0903	137.3	.1412		1903.4	.2579	282.6	.2611		1906.1					
6	.1070	153.3	.1675		1927.6	.3075	306.6	.3140		1927.6					
7			.1938		1947.7	.3570	329.3	.3669		1942.3					
8			.2201		1963.8	.4066	355.9	.4198		1954.4					
9			.2463		1975.8	.4562	378.6	.4727		1963.8					
10			.2726		1987.9	.5058	394.6	.5256		1970.5					
11			.2989		1994.6	.5554	407.9	.5784		1977.2					
12			.3252		2004.0	.6050	421.3	.6313		1982.5					
13			.3515		2009.3			.6842		1986.6					
14			.3777		2014.7			.7371		1991.9					
15			.4040		2017.4			.7900		1995.9					

Gauge No. 2032			Depth 5258'			Clock No. ????			hour 12						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	76.9	.000		179.0	.000	155.1	.000		449.6					
1	.0479	98.1 *	.0744		1670.2**	.1223	192.3***	.1018		1659.5****					
2	.0821	115.3	.1285		1788.5	.2245	222.8	.2104		1811.1					
3	.1163	133.9	.1826		1856.3	.3264	251.9	.3190		1873.6					
4	.1506	149.8	.2367		1902.9	.4283	283.8	.4276		1913.5					
5	.1848	161.8	.2909		1937.5	.5302	310.3	.5362		1941.4					
6	.2190	179.0	.3450		1961.4	.6320	332.9	.6448		1960.1					
7			.3991		1981.3	.7339	356.7	.7534		1974.7					
8			.4532		1997.3	.8358	383.3	.8619		1986.7					
9			.5073		2009.3	.9377	408.5	.9705		1996.0					
10			.5614		2019.9	1.0396	424.4	1.0791		2002.6					
11			.6155		2027.9	1.1415	437.6	1.1877		2009.3					
12			.6697		2034.5	1.2430	449.6	1.2963		2014.6					
13			.7238		2041.2			(1.3030		2014.6(CTE)					
14			.7779		2046.5										
15			.8320		2049.2										

Reading Interval 5 8 15 16 Minutes

REMARKS: \* INTERVAL = 7 MINUTES. \*\* INTERVAL = 11 MINUTES. \*\*\* INTERVAL = 18 MINUTES. \*\*\*\* INTERVAL = 15 MINUTES.  
CTE = READ AT THE END OF 191.9 MINUTES WHEN CHART TIME EXPIRED... LAST INTERVAL = 1 MINUTE.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars			1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4751'	
Drill Collars	7"	2.25"	435'	
* Landing Sub & Choke Assembly X/O	6"	3"	1'	
** Dual CIP Valve X/O	6"	3"	1'	
Dual CIP Sampler	5"	.75"	6.75'	5188'
Hydro-Spring Tester	5"	.75"	5.02'	5195'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.25"	4.11'	5201'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	5205'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	5211'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	3.5"	45'	
Blanked-Off B.T. Running Case	5 3/4"	-	4'	5258'
Total Depth				5261'

PRESSURE



TIME

894705-2033 #

7000

894705-2032 #

7000

Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA				Date	2-18-81	Ticket Number	980749
Sampler Pressure <u>120</u> P.S.I.G. at Surface				Kind of D.S.T.	OPEN HOLE	Halliburton Location	FARMINGTON
Recovery: Cu. Ft. Gas <u>3/10 of 1</u> cu. ft.				Tester	MR. GIBSON	Witness	MR. SLIGER
cc. Oil _____				Drilling Contractor	ALL WESTERN DRILLING COMPANY bc		
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud <u>2300</u>				Formation Tested	Lower Ismay		
Tot. Liquid cc. _____				Elevation	<u>6626'</u>	KB	Ft.
Gravity _____ ° API @ _____ ° F.	Gas/Oil Ratio _____ cu. ft./bbl.			Net Productive Interval	<u>13'</u>		Ft.
RESISTIVITY		CHLORIDE CONTENT		All Depths Measured From	Kelly Bushing		
Recovery Water	<u>1.44</u>	@ <u>68</u> °F.	<u>4800</u> ppm	Total Depth	<u>6202'</u>		
Recovery Mud	<u>.96</u>	@ <u>69</u> °F.	<u>6100</u> ppm	Main Hole/Casing Size	<u>8 3/4"</u>		
Recovery Mud Filtrate	_____	@ _____ °F.	_____ ppm	Drill Collar Length	<u>457'</u>	I.D. <u>2 1/2"</u>	
Mud Pit Sample	<u>1.29</u>	@ <u>85</u> °F.	<u>3800</u> ppm	Drill Pipe Length	<u>5660'</u>	I.D. <u>3.826"</u>	
Mud Pit Sample Filtrate	_____	@ _____ °F.	_____ ppm	Packer Depth(s)	<u>6124' - 6130'</u>		Ft.
Mud Weight	<u>11.4</u>	vis <u>37</u>	sec.	Depth Tester Valve	<u>6107'</u>		Ft.
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	ADJ.	Bottom Choke	<u>3/4"</u>
Recovered		<u>210</u> Feet of Mud					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks <u>No gas to surface.....SEE PRODUCTION TEST DATA SHEET.</u>							
TEMPERATURE		Gauge No. <u>2032</u>	Gauge No. <u>2033</u>	Gauge No.	TIME		
Depth:		<u>6112'</u> Ft.	<u>6158'</u> Ft.	Depth:	(00:00-24:00 hrs.)		
Est. °F.		<u>24</u> Hour Clock	<u>24</u> Hour Clock	Hour Clock	Tool		
Blanked Off <u>NO</u>		Blanked Off <u>YES</u>	Blanked Off	Hour Clock	Opened <u>0723</u>		
Actual <u>140</u> °F.		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	Reported
Initial Hydrostatic	<u>3634.4</u>	<u>3611.7</u>	<u>3719.7</u>	<u>3660.3</u>			Minutes
First Period	Flow Initial	<u>53.1</u>	<u>51.7</u>	<u>133.4</u>	<u>105.3</u>		Minutes
	Flow Final	<u>106.2</u>	<u>110.0</u>	<u>160.0</u>	<u>157.3</u>		
	Closed in	<u>265.3</u>	<u>269.2</u>	<u>320.0</u>	<u>318.6</u>		<u>30</u>
Second Period	Flow Initial	<u>132.7</u>	<u>159.1</u>	<u>213.4</u>	<u>211.9</u>		
	Flow Final	<u>132.7</u>	<u>175.0</u>	<u>213.4</u>	<u>215.9</u>		<u>180</u>
	Closed in	<u>767.9</u>	<u>774.4</u>	<u>799.3</u>	<u>817.8</u>		<u>240</u>
Third Period	Flow Initial						
	Flow Final						
	Closed in						
	Final Hydrostatic	<u>3607.8</u>	<u>3611.7</u>	<u>3700.5</u>	<u>3660.3</u>		

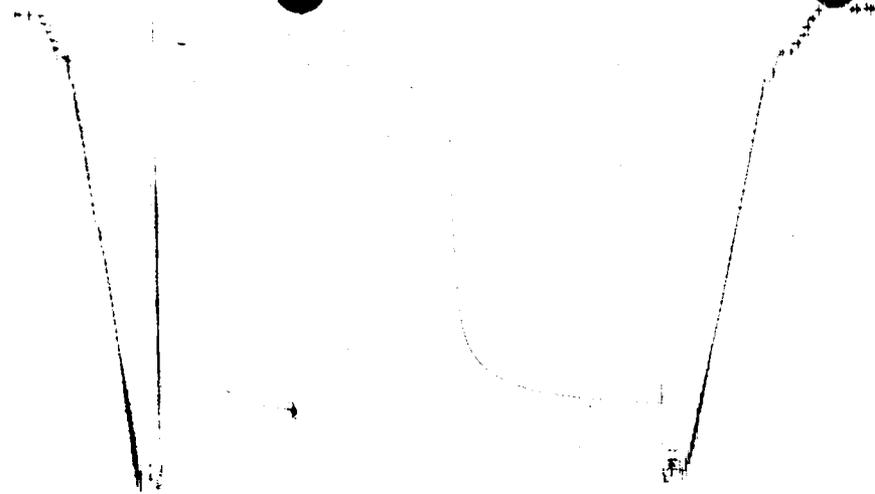
Legal Location Sec. - Twp. - Rng. **17 - 36S - 26E**  
 Lease Name **BUG**  
 Well No. **15**  
 Test No. **4**  
 Tested Interval **6130' - 6202'**  
 County **SAN JUAN**  
 State **UTAH**  
 Lease Owner/Company Name **WEXPRO**

## FORMATION TEST DATA





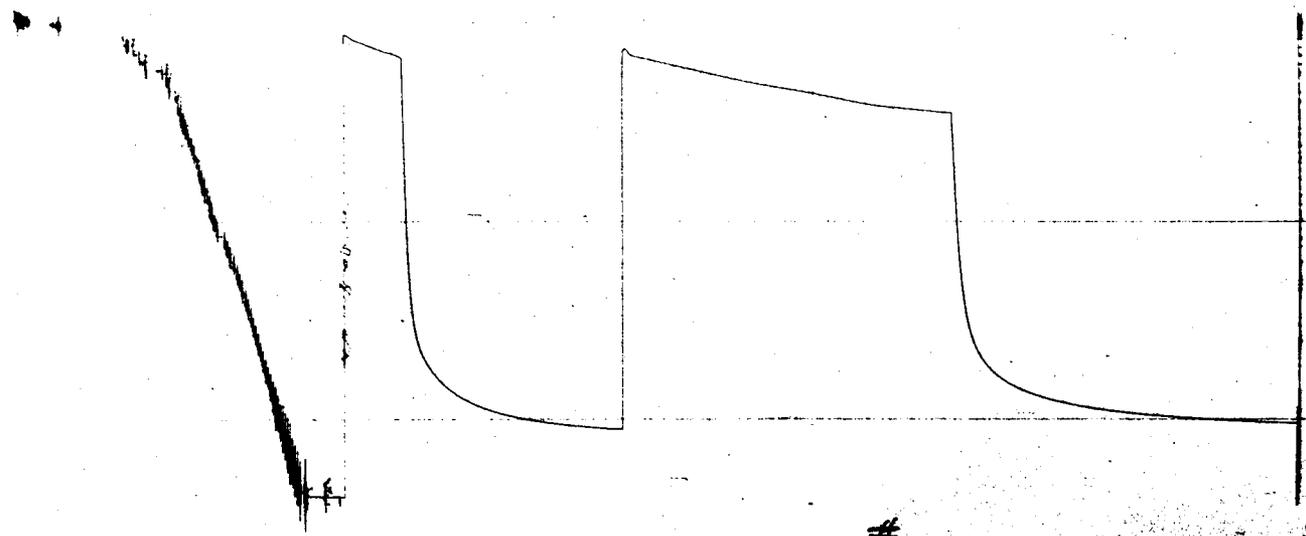
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	6"	4"	1'	6010'
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	5660'	
Drill Collars	7"	2 1/4"	457'	
Handling Sub & Choke Assembly				
<del>Dual CIP Valve</del> X over	6"	4"	1'	
Dual CIP Sampler	5"	.75"	7'	6101'
Hydro-Spring Tester	5"	.75"	5'	6107'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3"	4'	6112'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	6124'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	6130'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor X over	6"	4"	1'	
Drill Collars X over	7"	2 1/4"	30'	
Flush Joint Anchor X over	6"	4"	1'	
Flush Joint Anchor	5 3/4"	3 1/2"	35'	
Blanked-Off B.T. Running Case	5 3/4"	-	4.5'	6198'
Total Depth				6202'



894705-2033 #

PRESSURE ↓

TIME →



894705-2032 #

Each Horizontal Line Equal to 1000 p.s.i.

\*\* FILE NOTATIONS \*\*

DATE: October 10, 1980

OPERATOR: Wexpro Co.

WELL NO: Buy #15

Location: Sec. 17 T. 36S R. 26E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30606

CHECKED BY:

Petroleum Engineer: M.S. Munder 10/14/80

Director: OK as per spacing order issued in  
Case 186-1 dated Feb 27, 1980

Administrative Aide: OK per spacing order

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 186-1 2/27/80

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site

Lease Designation Fed.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 17, 1980

Wexpro Company  
P. O. Bx 1129  
Rock Springs, Wyoming 82901

Re: Well No. Bug #15  
Sec. 17, T. 36S, R. 26E,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 186-1 dated February 27, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037030606.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Cleon B. Feight /ka*

Cleon B. Feight  
Director

/ka  
cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil  well  gas well  other

2. NAME OF OPERATOR  
WEXPRO COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
NE 1/4 NE 1/4 S.17, T.36S., R.26E., 527'  
AT SURFACE: FEL; 709' FNL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: 6395'

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

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                      

SHOOT OR ACIDIZE                      

REPAIR WELL                      

PULL OR ALTER CASING                      

MULTIPLE COMPLETE                      

CHANGE ZONES                      

ABANDON\*                      

ARCHAEOLOGICAL MOVEMENT OF WELL FROM 627' FEL TO 527' FEL  
(other)

5. LEASE U-23161

6. IF INDIAN, ALLOTTEE OR TRIBE NAME --

7. UNIT AGREEMENT NAME NONE

8. FARM OR LEASE NAME BUG

9. WELL NO. 15

10. FIELD OR WILDCAT NAME DEVELOPMENT

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
S.17, T.36S., R.26E.

12. COUNTY OR PARISH SAN JUAN      13. STATE UTAH

14. API NO. 43-037-30606

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GR 6620'

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

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

THE SUBJECT WELL HAS TO BE MOVED 100' TO THE EAST TO AVOID DISTURBING SEVERAL  
ARCHAEOLOGICAL FINDINGS. EVERYTHING ELSE REMAINS THE SAME.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED R. W. Headd TITLE DIRECTOR OF CIVIL ENG. DATE 12/22/80

(This space for Federal or State office use)

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

RECEIVED  
 DIVISION OF OIL & MINING Ft.  
 12/22/80

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Wexpro Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) NE 1/4 NE 1/4 S.17, T.36S., R.26E.,  
AT SURFACE: 527' FEL, 709' FNL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: 6395'

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

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

5. LEASE U-23161
6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
7. UNIT AGREEMENT NAME None
8. FARM OR LEASE NAME Bug
9. WELL NO. 15
10. FIELD OR WILDCAT NAME Development
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S.17, T.36S., R.26E.
12. COUNTY OR PARISH San Juan
13. STATE Utah
14. API NO. 43-037-30606
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6611'

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

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

Elevation of well changed from 6594' to 6611'. Everything else remains the same.

**RECEIVED**  
FEB 13 1981  
DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Dir. Civil Eng. DATE 2/10/81

(This space for Federal or State office use)

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Wexpro Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 709' FNL, 527' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-23161

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
Bug

9. WELL NO.  
15

10. FIELD OR WILDCAT NAME  
Bug

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
17-36S-26E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.  
43-037-30606

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 6626.30' GR 6611'

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

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

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

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

Depth 6381', rig released 2-21-81, waiting on completion tools.  
Spudded January 30, 1981 at 11 p.m., landed 9-5/8", 36#, K-55, 8rd thd, LT&C casing at 2011.11' KBM, set with 600 sacks class B cement treated with 1/4# flocele, tailed in with 300 sacks class B cement treated with 3% calcium chloride 1/4# flocele, returned 46 barrels slurry, cement in place 6 p.m. on February 3, 1981.  
DST #1: 5030-5079', Honaker Trail, IO 1/2 hr, ISI 1 1/2 hrs, FO 2 hrs, FSI 3 hrs, opened weak on both openings, no gas, recovered 510' mud, IHP 2251, IOFP's 53-107, ISIP 1773, FOFP's 107-213, FSIP 1746, FHP 2251.  
DST #2: 5092-5174', Honaker Trail, IO 1/2 hr, ISI 1 1/2 hrs, FO 50 minutes, FSI 3 hrs, opened weak, reopened very weak, no gas, recovered 190' mud, IHP 2251, IOFP's 53-53, ISIP 265, FOFP's 53-53, FSIP 292, FHP 2251.

Over

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *Lee Martin* TITLE Asst. Dir. Supt. DATE 2-25-81

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

**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  
**Wexpro Company**

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **NE NE 709' FNL, 527' FEL**  
At top prod. interval reported below  
At total depth

**RECEIVED**  
**APR 6 1981**  
DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

**U - 23161**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Bug**

9. WELL NO.

**15**

10. FIELD AND POOL, OR WILDCAT

**Bug**

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

**17-36S-26E.**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

API #: **43-037-30606**

14. PERMIT NO. **43-037-30606** DATE ISSUED **10/15/80**

15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* | 19. ELEV. CASINGHEAD

**1-30-81 | 2-18-81 | 3-23-81 | KB 6626.30' GR 6611' | -**

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

**6381 | 6319 | | | 0-6381 | -**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* | 25. WAS DIRECTIONAL SURVEY MADE

**6295 - 6314' Desert Creek**

**No**

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

**DIL CNL/EDC**

**No**

**38. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	2,011.11	12-1/4	900	0
5-1/2	17	6,378.78	8-3/4	690	0

**29. LINER RECORD | 30. TUBING RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	6188.62'	

**31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

**6295-6314', jet, 2 holes per foot**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>6295-6314'</b>	<b>5000 gallons 28% HCL</b>
	<b>5500 gallons WF-30</b>

**33.\* PRODUCTION**

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

**3-9-81 | Flowing | Shut in**

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

**3/18-23/81 | 149-1/2 | 18/64 | | | | | 10,569:1**

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

**820 | 980 | | 65 | 687 | 0 |**

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

**Vented while testing.**

**35. LIST OF ATTACHMENTS**

**Logs as above, Well Completion to be sent at a later date.**

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

SIGNED Thomas C. ... TITLE **Director, Petroleum Engrg** DATE **4-2-81**

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-23161

121221

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Wexpro Company

3. ADDRESS OF OPERATOR

P. O. Box 458, Rock Springs, Wyoming

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

NE NE 709' FNL, 527' FEL

RECEIVED  
DEC 09 1986

DIVISION OF  
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bug Field

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Bug

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

17-36S-26E

14. PERMIT NO.

43-037-30606

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

KB 6626.30'

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

Install Production Facilities X

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

The above captioned well has been shut-in since March, 1981 to conserve gas cap integrity of the Bug Field. With the Bug Field beginning to deplete, the well should be depleted in conjunction with the remaining Bug Wells. Wexpro Company intends to install necessary facilities for said well and produce the well when construction is complete. The well will be produced as depicted in the attached diagram and the production schematics is in approval with the off lease measurement approval which was granted in 1981 for wells producing to "B" Battery. The production from Bug Well No. 15 will be commingled with production from Bug Well No. 16 into the same flowline. The gas production will be allocated by monthly tests where one of the two wells (either Bug Well No. 15 or 16) will be shut-in and the gas volume measured for three days. The daily production will be pro-rated based on the monthly tests and will be adjusted monthly. Oil production will be allocated based on the same test procedure and will be adjusted monthly. Production volumes will be based on total tank gauge less metered volume from Bug Well No. 13 to indicate production from Bug Wells No. 15 and 16. The production from Bug Wells No. 15 and 16 will be pro-rated back to the individual wells based on the monthly tests. (At the present time, Bug Well No. 16 is shut-in for economic reasons. Wexpro requests permission to commingle production when the price of oil increases to a price where the well can be produced.)

Bug Wells No. 13, 15 and 16 are drilled on the same lease with identical working interest and royalty interest assesment. Should there be any questions concerning this matter, please advise. Your expeditious approval of this matter will be appreciated so that construction can be initiated in dry weather.

18. I hereby certify that the foregoing is true and correct  
SIGNED A.R. Regan TITLE \_\_\_\_\_ DATE 12-4-86

(This space for Federal or State office use)

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

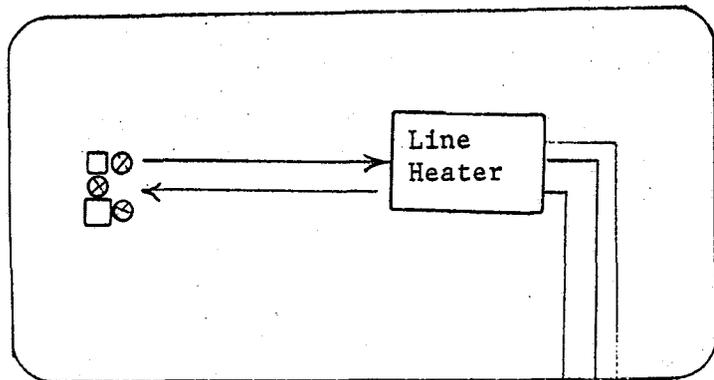
Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side

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

DATE: 12-10-86  
BY: John R. Bay

Bug Well No. 15's Location



2" Production Line

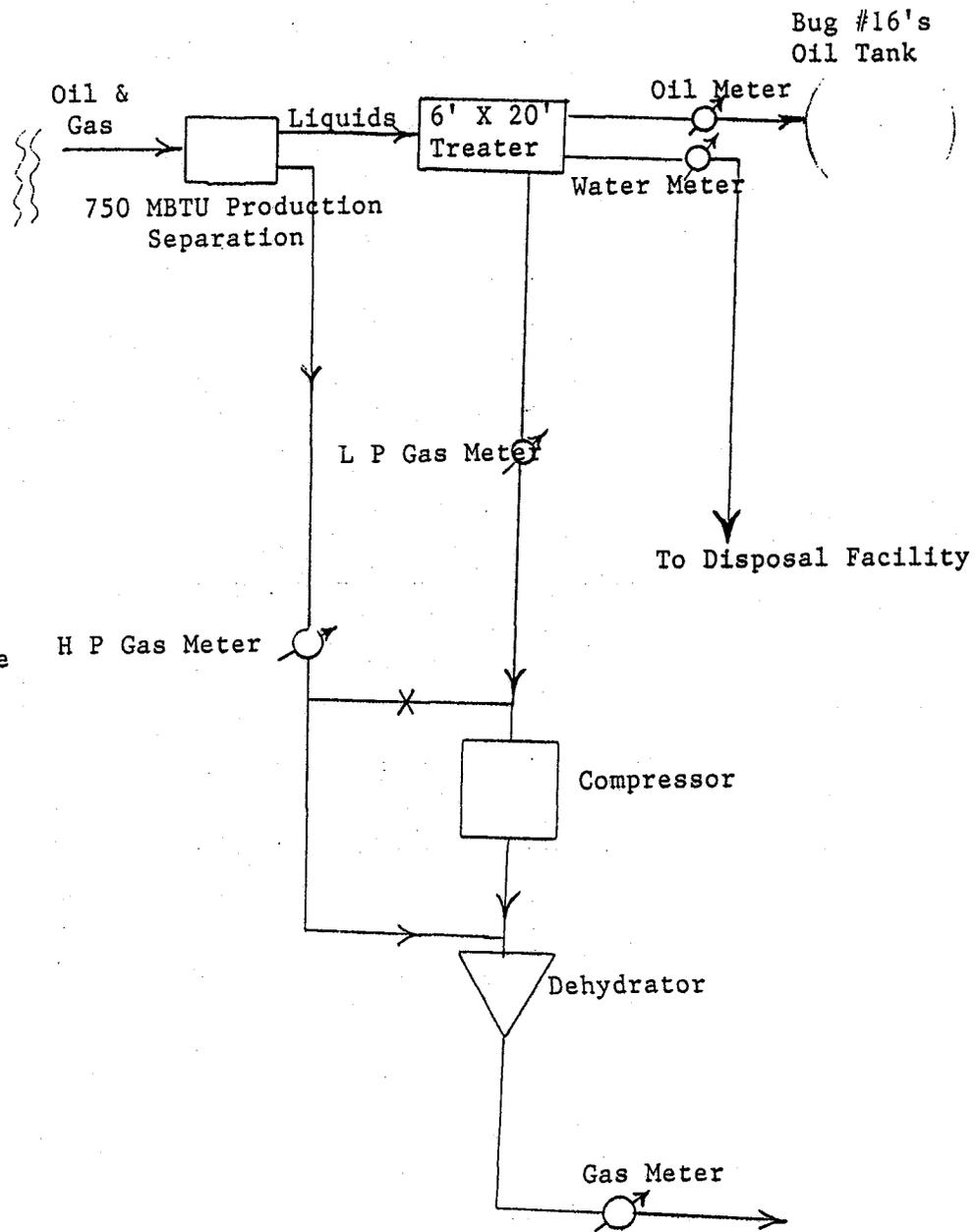
Fuel Gas Line

3" Fresh Water Line

Bug Well No. 16's Location



"B" Battery



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Wexpro Company

3. ADDRESS OF OPERATOR P. O. Box 458  
Rock Springs, Wyoming 82902

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

14. PERMIT NO. 43-037-30606

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

DEC 28 1987

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
Fee SOW-DSCR

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
123026

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
Bug

10. FIELD AND POOL OR WILDCAT  
Battery B

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

12. COUNTY OR PARISH 13. STATE  
San Juan Utah

16-36S-26E, SLB & M

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 type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Undesirable Event <input checked="" type="checkbox"/>	

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

17. DESCRIBE PROMISED 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.)\*

On December 20, 1987 at approximately 1:00 pm, the Bug Field operator discovered a corrosion leak in the bottom of Tank No. 651, a 1000-barrel oil storage tank, located at Bug Battery B. Approximately 115 barrels of fluid is totally contained within the tank firewall. It is estimated that 95 barrels is oil and the remainder is brine.

Crews are presently in the process of sucking out the oil via vacuum truck. The oil will be put into the power oil storage tank, hot oiled and shipped.

Clean up operations will be completed by the afternoon of December 23, 1987. The tank will be repaired.

Notification was given to the landowner, Clyde Sanchez, and to Robert Turri of the Bureau of Land Management on December 21, 1987.

The spill will be reported on the Monthly Report of Operations and the loss will be prorated back to Bug Well No. 13, NE NW 17-36S-26E, Lease No. U-2 31 61, and Bug Well No. 15, NE NE 17-36S-26E, Lease No. U-23161.

43-037-30606 SOW-DSCR

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

SIGNED A.R. Logan by Brent P. Marchant TITLE District Manager DATE December 21, 1987

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Bureau Order No. 1004-0125  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Wexpro Company

3. ADDRESS OF OPERATOR  
P. O. Box 458, Rock Springs, Wyoming 82222

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.)  
At surface  
NE NE, 709' FNL, 527' FEL

14. PERMIT NO. 43-037-30606

15. ELEVATIONS (Show whether of, to, or from) KB 6626.30'

5. LEASE DESIGNATION AND SERIAL NO.  
U-23161

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
---

8. FARM OR LEASE NAME  
Bug

9. WELL NO.  
15

10. FIELD AND POOL, OR WILDCAT  
Bug

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
17-36S-26E

12. COUNTY OR PARISH San Juan 13. STATE Utah

RECEIVED  
JUN 12 1989

DIVISION OF  
OIL, GAS & MINING  
MICROFILM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) Commingling

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRAC TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <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.)\*

The aforementioned well was recently completed in the Ismay Formation. In order to deplete the Ismay Formation, the well will be produced to the Bug Battery "B" Facility. Attached for your information is a facility drawing depicting the proposed producing scheme. The high pressure gas produced from the well will be measured independently. The oil and water produced from the well will be metered by positive displacement meters at the production pack and dumped to a treater currently serving Bug #15. The low pressure gas associated with fluids from Bug #16 will be commingled with the gas from Bug #15 and metered downstream of the treater. Oil produced from Bug #16 will be commingled with production from Bug Wells #13 and 15. Bug Wells #13, 15 & 16 are drilled on the same lease and have identical working and royalty interests.

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

SIGNED G. J. [Signature] TITLE District Manager DATE June 8, 1989

(This space for Federal or State office use)

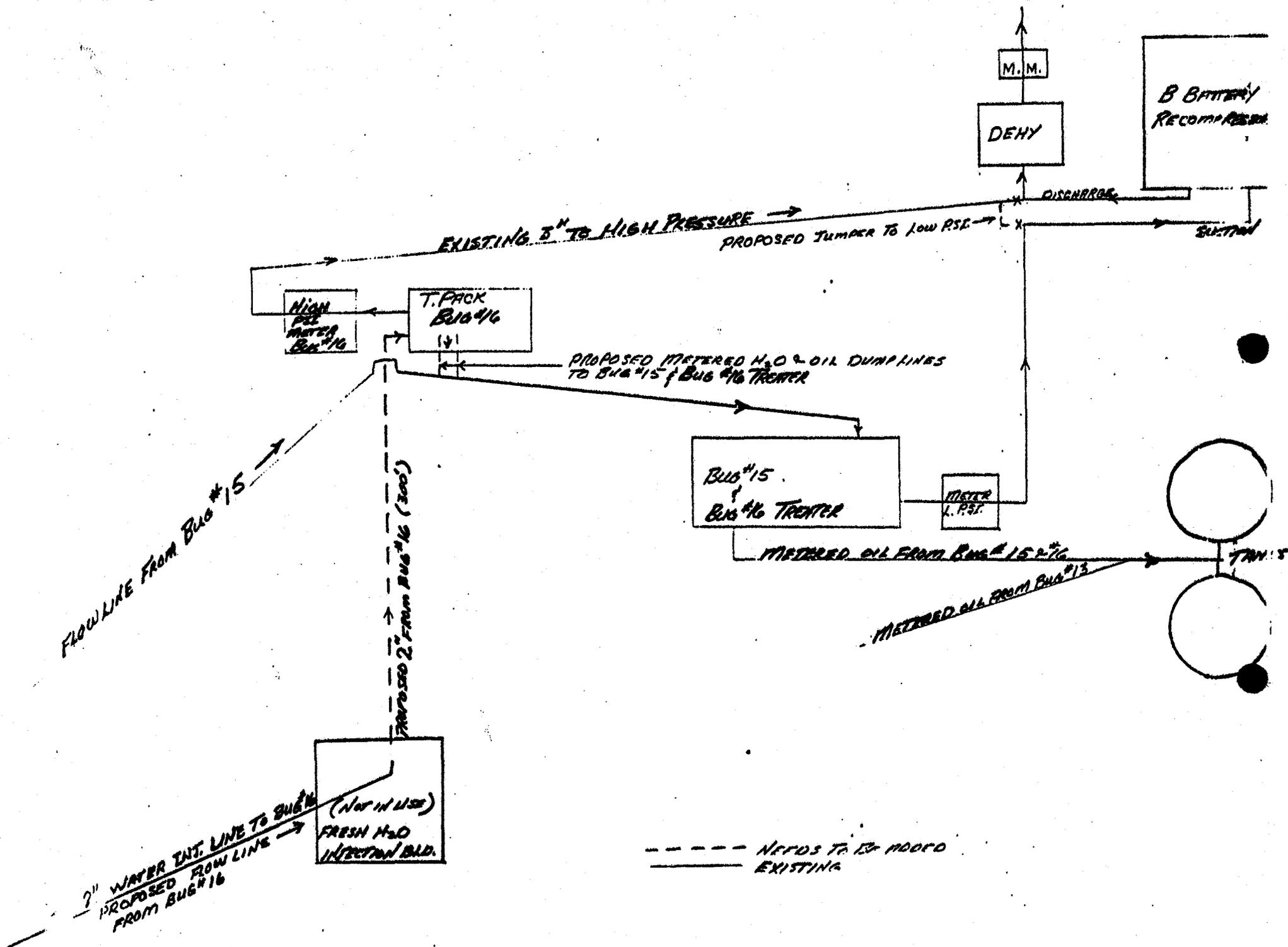
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

See Instructions on Reverse Side

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 6-21-89  
BY: [Signature]



----- NEEDS TO BE PROOF  
 \_\_\_\_\_ EXISTING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

**RECEIVED**  
OCT 03 1990

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 Wexpro Company

3. Address and Telephone No.  
 P. O. Box 458, Rock Springs, WY 82902    307-382-9791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 709' FNL, 527' FEL, NE NE, 17-36S-26E

5. Lease Designation and Serial No.  
 U-23161

6. If Indian, Allottee or Tribe Name  
 ---

7. If Unit or CA, Agreement Designation  
 ---

8. Well Name and No.  
 Bug Well No. 15

9. API Well No.  
 43-037-30606 POW

10. Field and Pool, or Exploratory Area  
 Bug

11. County or Parish, State  
 San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

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

13. 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.)

On October 2, 1990, Bug Battery B Compressor was shut-in for emergency overhaul. It is anticipated that the overhaul will be completed in seven days. While the compressor is down, approximately 214 MCFPD will be vented to the atmosphere. The vented gas is produced from Bug Wells No. 4, 13, 14, 15 and 16. The volume of flared gas will be reported on the Monthly Report of Operations.

This procedure was approved by Eric Jones of the Moab District Office.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/15/90  
BY: [Signature]

OIL AND GAS	
DFN	<input checked="" type="checkbox"/> RJF
JPB	GLH
DIS	<input checked="" type="checkbox"/> SLS
<u>PSBH</u>	
<u>H-DME</u>	
<u>45</u>	MICROFILM <input checked="" type="checkbox"/>
<u>56</u>	FILE

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

Signed [Signature] Title District Manager Date 10/02/90  
 (This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0135  
Expires: Nov. 30, 2000

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

5. Lease Serial No.  
**SEE BELOW**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA/Agreement, Name and/or No.  
**BUG FIELD**

8. Well Name and No.  
**SEE BELOW**

9. API Well No.  
**SEE BELOW**

10. Field and Pool, or Exploratory Area  
**BUG FIELD**

11. County or Parish, State  
**SAN JUAN COUNTY, UTAH**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**WEXPRO COMPANY**

3a. Address  
**P. O. BOX 458, ROCK SPRINGS, WYOMING 82902-0458**

3b. Phone No. (include area code)  
**307-382-9791**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE BELOW**

*43.037.30606*

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

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

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

Wexpro Company is requesting a variance from Onshore Order No. 5, III.B.17 which requires meter calibrations on a quarterly basis. Wexpro Company is requesting that meter calibrations be performed on the following wells on a semi-annual basis:

Bug Well No. 4 NE SW 16-36S-26E San Juan County, Utah Lease No. M:-27026 Meter Location 0371 API No. <i>43-037-30542</i> Produces 57 MCFPD	Bug Well No. 15 NE NE 17-36S-26E San Juan County, Utah Lease No. U-23161 Meter Location 2518 API No. 43-037-30606 Produces 85 MCFPD	Bug Well No. 16 NE SW 17-36S-26E San Juan County, Utah Lease No. U-23161 Meter Location 3743 API No. 43-037-30607 Produces 18 MCFPD
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**RECEIVED**

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DIVISION OF  
OIL, GAS AND MINING

CONTINUED ON PAGE TWO

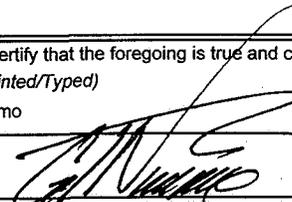
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

G. T. Nimmo

Title    Operations Manager

Signature



Date    July 12, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 WEXPRO COMPANY

3a. Address  
 P. O. BOX 458, ROCK SPRINGS, WYOMING 82902-0458

3b. Phone No. (include area code)  
 307-382-9791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SEE BELOW

5. Lease Serial No.  
 SEE BELOW

6. If Indian, Allottee or Tribe Name  
 NA

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

8. Well Name and No.  
 SEE BELOW

9. API Well No.  
 SEE BELOW

10. Field and Pool, or Exploratory Area  
 BUG FIELD

11. County or Parish, State  
 SAN JUAN COUNTY, UTAH

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

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

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

The request for variance is based on the following reasons:

- (1) Questar Gas Management takes delivery of the gas produced from the Bug B Battery located in the NW NW 16-36S-26E, through Meter Location 375 (Master Meter) which is the delivery and royalty point for the gas produced from the above wells.
- (2) The well meters listed are for allocation purposes only.
- (3) A change from quarterly to semi-annual meter calibrations would be more cost effective for Wexpro due to the low gas production.
- (4) Conducting meter calibrations on a semi-annual basis would not have a negative impact on royalties or royalty payments.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 7/23/01  
By: Dick R. Duff

Federal Approval Of This  
Action Is Necessary

COPY SENT TO OPERATOR  
Date: 7-23-01  
Initials: CHD

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JUL 18 2001

DIVISION OF  
OIL, GAS AND MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Bug Field</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Multiple</b>
2. NAME OF OPERATOR: <b>Wexpro Company</b> <span style="float:right"><i>N 1070</i></span>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 45601 CITY <u>Salt Lake City</u> STATE <u>UT</u> ZIP <u>84145</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		8. WELL NAME and NUMBER: <b>Bug Field (Multiple Wells)</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>36S 26E</u> STATE: <u>UTAH</u>		9. API NUMBER: <b>Multiple</b>
		10. FIELD AND POOL, OR WILDCAT: <b>Desert Creek / Ismay</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Per conversation w/ Earlene Russell. Effective 08/01/2005, Synergy Operating, LLC (N2795) has taken over the operator responsibility of the following wells.

- Bug # 4 (43-037-30542) - State of Utah Lease ML-27026
- Bug # 8 (43-037-30589) - BLM Lease U-43653
- Bug # 13 (43-037-30610) - BLM Lease U-23161
- Bug # 14 (43-037-30605) - BLM Lease U-23161
- Bug # 15 (43-037-30606) - BLM Lease U-23161
- Bug # 16 (43-037-30607) - BLM Lease U-23161
- Bug # 17 (43-037-30793) - State of Utah Lease ML-27026
- Bug # 12 (SWD) - (43-037-30595) - Fee Lease
- Bug "B" Battery
- Bug "C" Battery
- Bug Compressor

} no impact at DOGM (Erussell)

A copy of this document will also be submitted to the State of Utah directly from Synergy Operating, LLC's office.

NAME (PLEASE PRINT) <u>James R. Livsey</u>	TITLE <u>Vice President</u>
SIGNATURE	DATE <u>February 6, 2006</u>

(This space for State use only)

**APPROVED** 2128106  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

**RECEIVED**  
**FEB 10 2006**

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Multiple</b>
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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Bug Field</u>		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Synergy Operating, LLC</b> N2795		8. WELL NAME and NUMBER: <b>Bug Field (Multiple Wells)</b>
3. ADDRESS OF OPERATOR: PO Box 5513 CITY <u>Farmington</u> STATE <u>NM</u> ZIP <u>87499</u>		9. API NUMBER: <b>Multiple</b>
PHONE NUMBER: <u>(505) 325-5449</u>		10. FIELD AND POOL, OR WILDCAT: <b>Desert Creek / Ismay</b>
4. LOCATION OF WELL		
FOOTAGES AT SURFACE:		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>36S 26E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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- Bug "B" Battery
- Bug "C" Battery
- Bug Compressor

*BLM UT-924*

*no impact at DOGM (ERussell)*

A copy of this document will also be submitted to the State of Utah directly from Wexpro/QEP's office.

NAME (PLEASE PRINT) <u>Thomas E. Mullins</u>	TITLE <u>Engineering Manager</u>
SIGNATURE	DATE <u>1-31-2006</u>

(This space for State use only)

**APPROVED** 2/28/06

*Earlene Russell*

**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

**RECEIVED**

**FEB 10 2006**

DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)



7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/15/2006

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2006
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2006
3. Bond information entered in RBDMS on: 2/28/2006
4. Fee/State wells attached to bond in RBDMS on: 2/28/2006
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT0924

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number BOK06SDP01525

2. The **FORMER** operator has requested a release of liability from their bond on: \*\*  
The Division sent response by letter on: \*\*Joint bond with QEP, & QEP Uinta Basin

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_