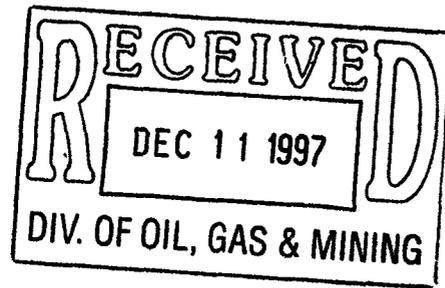


State of Utah
Division of Oil Gas and Mining
1594 West North Temple
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801
Atten: Mike Hebertson



December 8, 1997

Dear Mike

Please find attached an APD for Lone Mountain Production Company. The BLM has informed me that the Unit has not been approved at this time and they will be approving the APD as a lease well and not as a Black Dragon Unit well. Lone Mountain respectfully requests permission to move the proposed location. The location was moved at the onsite inspection for with the BLM. The location was moved due to topographic considerations.

If you require additional information please feel free to give me a call.

A handwritten signature in cursive script that reads "Bill".

Bill Ryan
Rocky Mountain Consulting
801-789-0968

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Lone Mountain Prod., Co.

3. ADDRESS OF OPERATOR
 P.O. Box 3394, Billings, MT 59103 406-245-5077

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1897' FEL, 1305' FNL, NW1/4, NE1/4, Sec. 34, T10S, R24E
 At proposed prod. zone 398
 518

CONFIDENTIAL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 9.8 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1,305'

16. NO. OF ACRES IN LEASE
 9600

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4,000'

19. PROPOSED DEPTH
 6,800'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,534'

22. APPROX. DATE WORK WILL START*
 Dec. 1, 1997

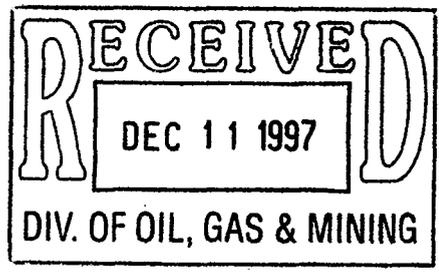
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16	13 3/8	48	400	TO SURFACE
12 1/4	9 5/8	36	2000	TO SURFACE CSG
7 7/8	4 1/2	11.6	T.D.	650 sks

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
 PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
 USE PLAN.
 IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
 350 S., 800 E.
 VERNAL, UTAH
 801-789-0968 801-823-6152

CONFIDENTIAL



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.

34. SIGNED William A. Ryan WILLIAM A. RYAN TITLE AGENT DATE October 21, 1997

(This space for Federal or State office use)

PERMIT NO. 43-047-33019 APPROVAL DATE _____

APPROVED BY John R. Bay TITLE Associate Director Utah DOGM DATE 12/18/97
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

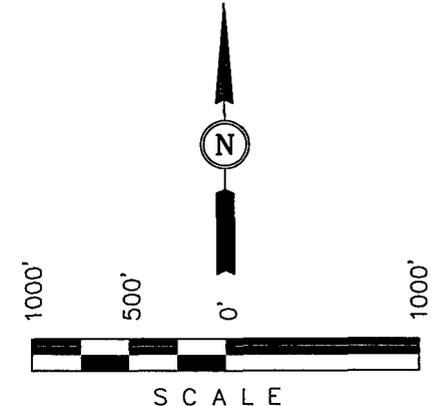
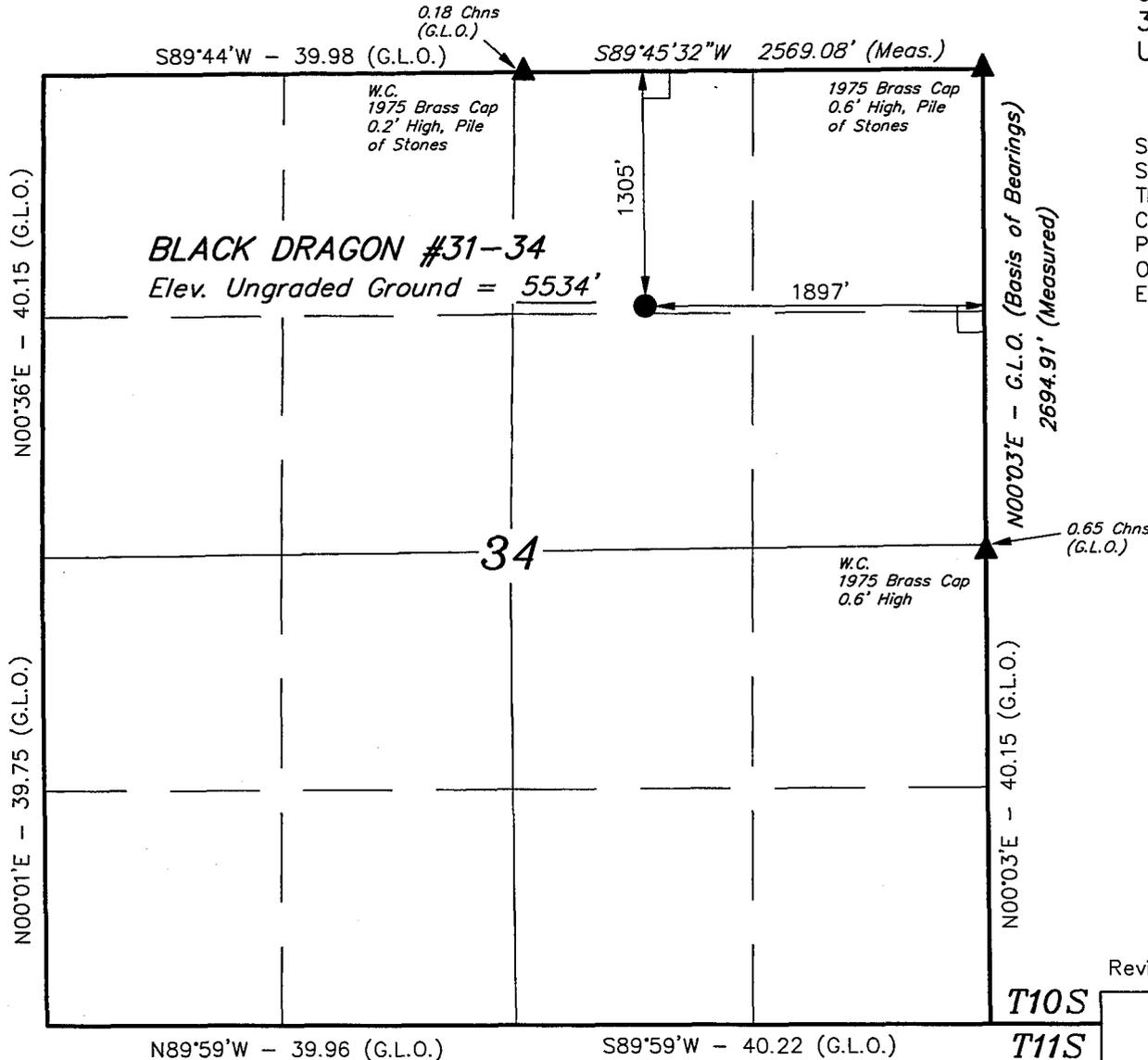
T10S, R24E, S.L.B.&M.

LONE MOUNTAIN PROD., CO.

Well location, BLACK DRAGON #31-34, located as shown in the NW 1/4 NE 1/4 of Section 34, T10S, R24E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP IN THE SE 1/4 OF SECTION 34, T10S, R24E, S.L.B.&M. TAKEN FROM THE THE SOUTHAM CANYON QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5804 FEET.



CERTIFICATE

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

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 10-13-97 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 09-28-97	DATE DRAWN: 09-29-97
PARTY D.K. H.L. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE LONE MOUNTAIN PROD., CO.	

SELF-CERTIFICATION STATEMENT

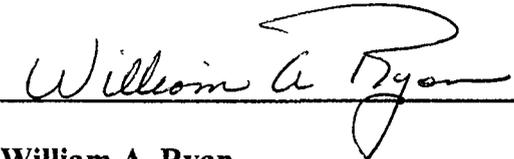
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Lone Mountain Prod., Co., is considered to be the operator of the following well.

**Black Dragon # 31-34
NW 1/4, NE 1/4, Section 34, T. 10 S., R. 24 E.
Lease UTU-66422
Uintah County, Utah**

Lone Mountain Prod., Co., is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by statewide bond number UT-0719

A handwritten signature in cursive script that reads "William A. Ryan". The signature is written in black ink and is positioned above a horizontal line.

**William A. Ryan
Agent
Rocky Mountain Consulting
350 S. 800 E.
Vernal UT 84078
801-789-0968
801-823-6152**

Ten Point Plan

Lone Mountain Prod., CO

Black Dragon
31-34

Surface Location NW 1/4, NE 1/4, Section 34, T. 10 S., R. 24 E.

1. Surface Formation:

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5,534' G.L.
Green River	280	5,254
Oil Shale	700	4,854
Wasatch	2,800	2,754
Mesaverde formation	4,460	1,074
Castel Gate	6,660	-1,126
T.D.	6,800	-1,266

3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information: N/A

4. Proposed Casing :

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Grade & Tread</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
16	13 3/8	48	J-55/STC	400	Used/inspected
12 1/2	9 5/8	36	J-55/STC	2000	Used/inspected
7 7/8	4 1/2	10.5	J-55/LTC	T.D.	Used/inspected

Cement Program:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
13 3/8	Class "G"	350 sks	1.18 cu. ft./sk.	15.6 lbs./gal.

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8	Lead Class "G" 3 % salt 16% gell 10# Gilsonite/sk Tail Class "G" 2% Calcium 1/4 #/sk cello flake	350 sks	3.90 cu. ft./sk.	11.0 lbs./gal.
4 1/2	Class "G" 10% salt 10% gypsum 2% WR15 .4 lbs/sk FL 25	650 sks +/-	1.53 cu. ft./sk.	14.8 lbs./gal.

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs/gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-300	Air/Clear Water	----	No Control	Water/Gel
300-2000	Clear Water	----	No Control	Water/Gel
2000-T.D.	8.4-8.6	30	No Control	Water/Gel

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

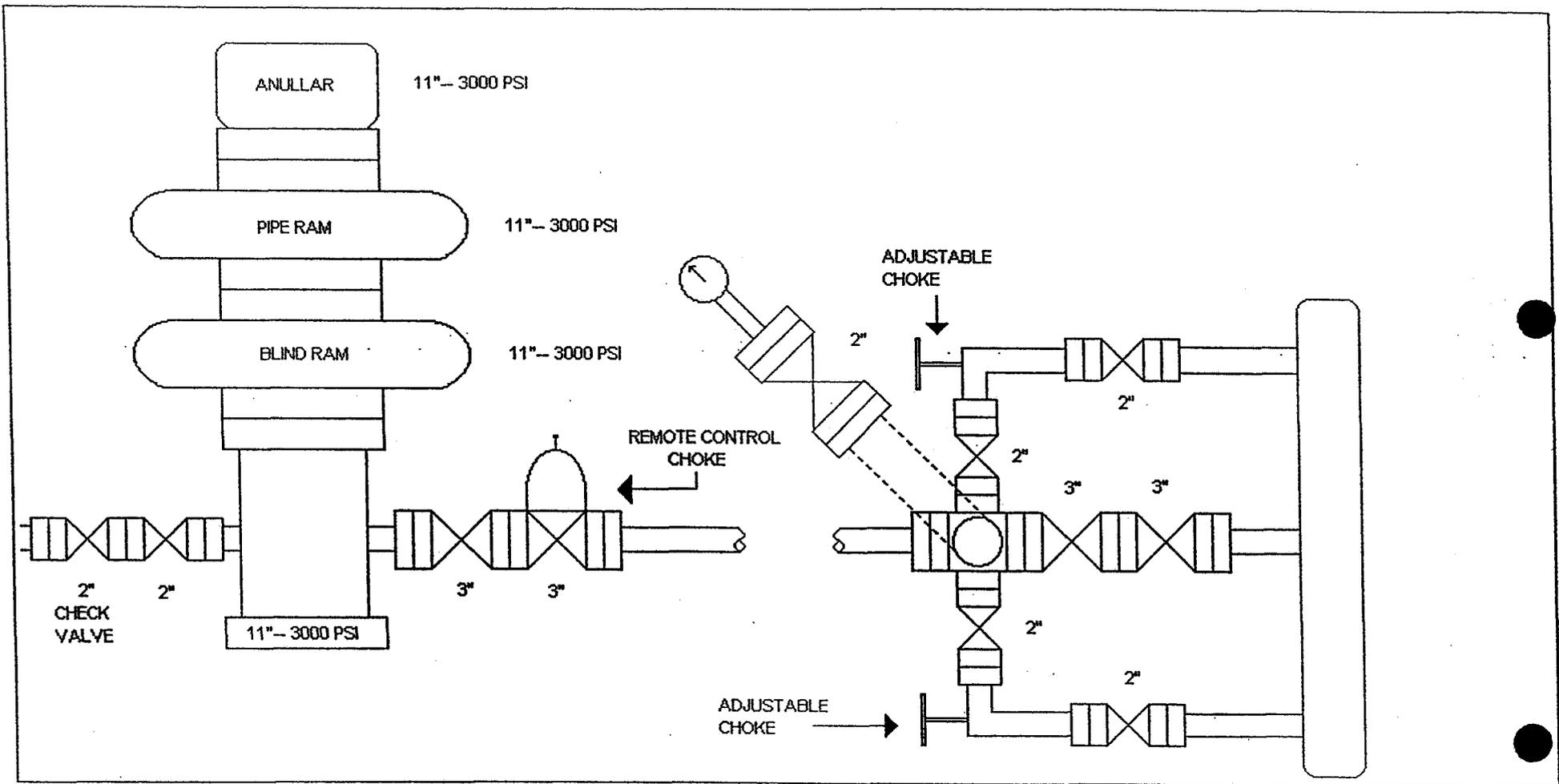
Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. **Water flows have been encountered in off set wells.** Oil and gas shows are anticipated in the Wasatch & Mesaverde Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

10. Drilling Schedule:

The anticipated starting date is Dec. 1, 1997. Duration of operations expected to be 30 days.



LONE MOUNTAIN PROD., CO.

13 POINT SURFACE USE PLAN

FOR WELL

BLACK DRAGON UNIT

BLACK DRAGON

31-34

LOCATED IN

NW 1/4, NE 1/4

SECTION 34, T. 10 S., R. 24 E., S.L.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-66422

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads

To reach the Lone Mountain Prod., Co. Black Dragon #31-34 well location, in Section 34, T10S, R24E, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 5.7 miles. Turn south (left) on the Southham Canyon road (dirt road). Proceed south 4.0 miles to the proposed location.

All roads to the proposed location are State or County maintained roads.

Please see the attached map for additional details.

2. Planned access road

Approximately 500' feet of new road will have to be required.

A) Approximate length	500 Ft.
B) Right of Way width	30 Ft.
C) Running surface	18 Ft.
D) Surfacing material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road flagged	Yes
K) Access road surface ownership	Federal / County D road
L) All new construction on lease	Yes
M) Pipe line crossing	None

Newly constructed roads will be built using native soils from borrow pits on either or both sides of the road.

Please see the attached location plat for additional details.

No right of way will be required. All surface disturbance for the road and location will be within the Unit boundary.

3. Location of existing wells

The following wells are located within one mile radius of the location site.

A) Producing wells	Gas Well	Southham Canyon Unit #5	Sec. 28, T10S, R24E.
B) Water wells			None
C) Abandoned wells			None
D) Temporarily abandoned wells			None
E) Disposal wells			None
F) Drilling wells			None
G) Shut in wells			None
H) Injection wells			None
I) Monitoring or observation wells			None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a desert brown color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown (10 YR 6/4).

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

A proposed surface gas line will be constructed and tied into an existing 4" line. The approximate length will be 1.85 miles. The proposed pipe line will be constructed adjacent to the access road. Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. The line will be a 2" or 4" steel line. The line will be welded on the pad and access road. After welding the line will be pulled with a small cat to the tie in.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office. All measurement facilities will conform with API and AGA standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing the subject well will be hauled by truck from Green River at the Bonanza pump station. Section 2, T10S, R24E. Water for completion will come from the same supply or Vernal City.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. The operator has reviewed drilling records for off set well and finds that water flows have been encountered. **The operator proposes the possibility of a second pit** to handle such flows. The pit would not be constructed until a uncontrollable water flow has been encountered or if the first pit became full. Please see the attached plat for details.

The reserve pits will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned for at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follow:

- | | | |
|----|--------------|---------|
| A) | Pad length | 325 ft. |
| B) | Pad width | 155 ft. |
| C) | Pit #1 depth | 10 ft. |

	Pit #2 depth	10ft.
D)	Pit #1 length	180 ft.
	Pit #2 length	200 ft.
E)	Pit #1 width	50 ft.
	Pit #2 width	100 ft.
F)	Max cut	26.8 ft.
G)	Max fill	11.2 ft.
H)	Total cut yds	11,580 cu. yds.
I)	Pit location	south end
J)	Top soil location	north side
K)	Access road location	west end
L)	Flare pit	north corner

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The top soil will amount to approximately 1,000 cubic yards of material. **The top soil will be stockpiled in two distinct piles.** Placement of the top soil is noted on the attached location plat. **The top soil pile from the location will be seeded as soon as the soil is stock piled** with the seed mix listed. When all drilling and completion activities have been completed and the pit backfilled the top soil from the pit area spread on the pit area. **The pit area will be seeded when the soil has been spread.** The unused portion of the location (the area outside the dead men.) will be recontoured

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when the top soil is stock piled and when reclamation work is performed.

Seed will be broadcast. If a drill is used the seed mix will be half the mix spesified.

Seed Mix

Four wing salt brush	6#/acre
Wester wheat grass	6#/acre

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

11. Surface ownership:

Access road	Federal
Location	Federal
Pipe line	Federal

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush, Pinion Pine trees and Juniper trees.

B) Dwellings:

There are no dwellings, or other facilities within a one mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Green River located 2 miles to the north.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

b) Location completion

Prior to moving on the drilling rig.

c) Spud notice

- At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
 - e) BOP and related equipment tests
At least twenty-four (24) hours prior to initialing pressure tests.
 - f) First production notice
With in five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

H) Flare pit

The flare pit will be located at point B on the south side of the pit. Pleases see the location plat. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

Name:	William A. Ryan
Address:	Rocky Mountain Consulting 350 South, 800 East Vernal, Utah 84078
Telephone:	
Office	801-789-0968
Fax	801-789-0970
Cellular	801-823-6152

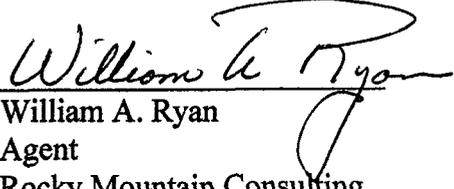
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) 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 and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Freedom Energy, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 11/6/97


William A. Ryan
Agent
Rocky Mountain Consulting

Onsite Date:
Participant on joint inspection:
William Ryan
Byron Tolman

October 16, 1997
Rocky Mountain Consulting
BLM

Statement of use of Hazardous Material

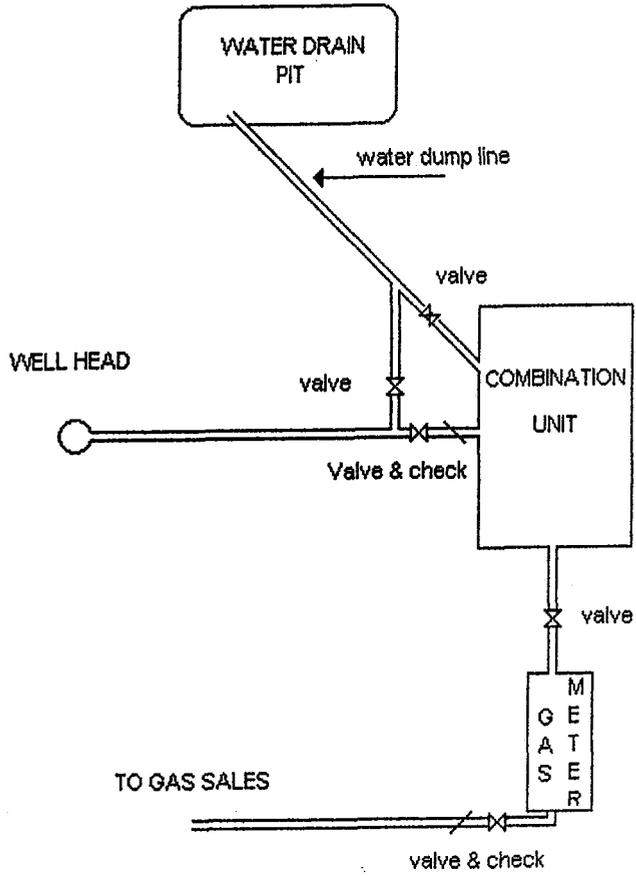
No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for Lone Mountain Production Co.
Rocky Mountain Consulting
350 S. 800 E.
Vernal Utah, 84078

Telephone
(801) 789-0968 office
(801) 823-6152 cellular
(801) 789-0970 fax

LONE MOUNTAIN
TYPICAL
GAS WELL



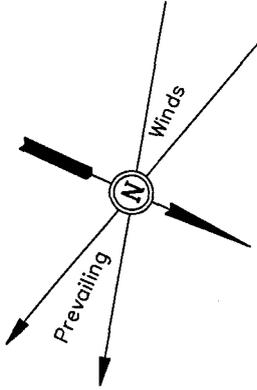
LONE MOUNTAIN PROD., CO.

LOCATION LAYOUT FOR

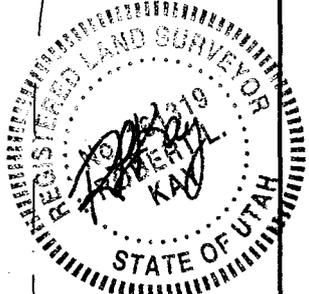
BLACK DRAGON #31-34

SECTION 34, T10S, R24E, S.L.B.&M.

1305' FNL 1897' FEL



SCALE: 1" = 60'
DATE: 10-14-97
Drawn By: D.R.B.



Sta. 5+25

Proposed Access Road

EXTRA PIT

Sta. 3+25

Approx. Toe of Fill Slope

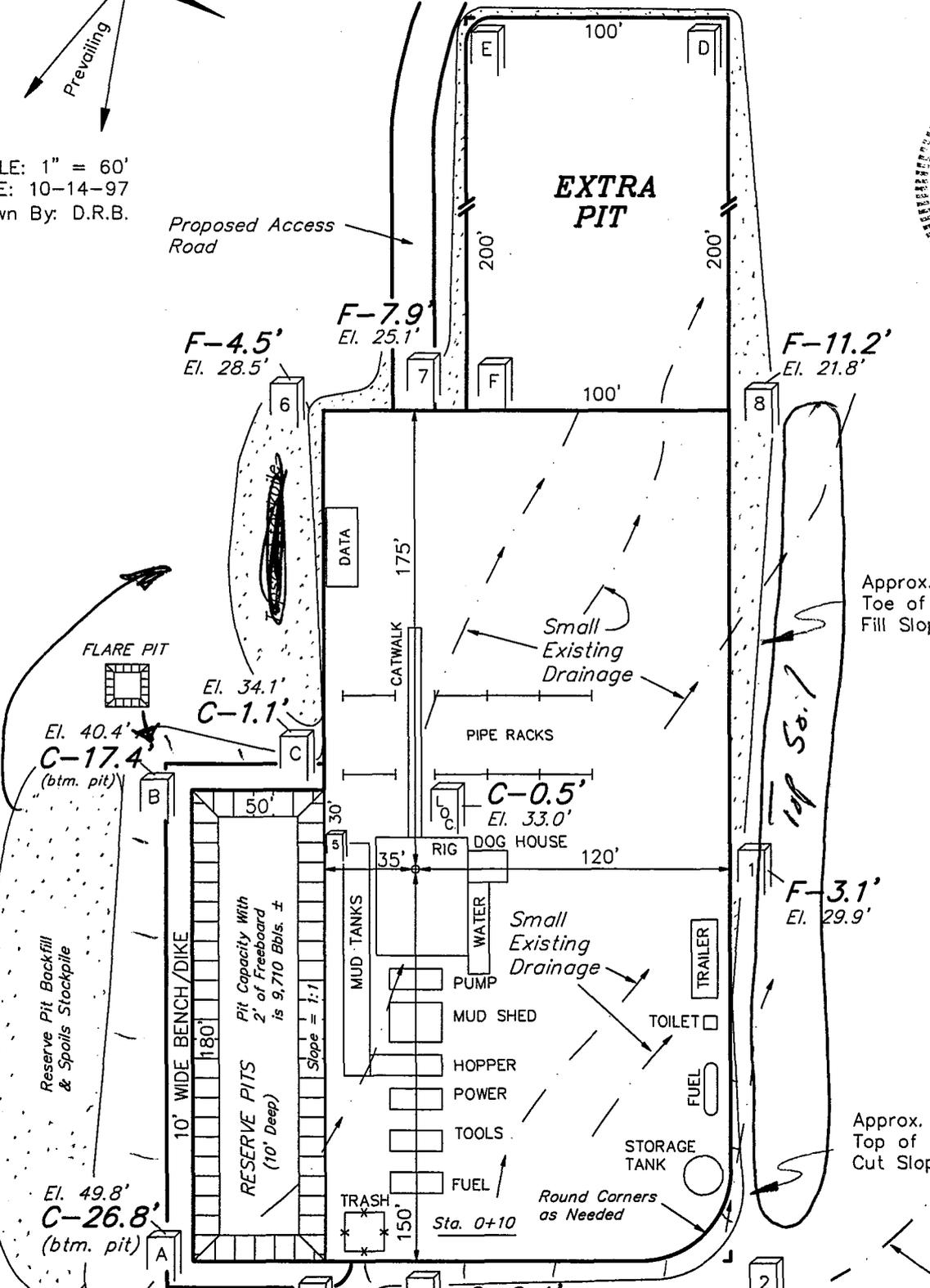
Existing Drainage

Sta. 1+50

Approx. Top of Cut Slope

Sta. 0+00

CONSTRUCT DIVERSION DITCH



FLARE PIT

El. 40.4'
C-17.4'
(btm. pit)

RESERVE PITS
(10' Deep)
Pit Capacity With
2' of Freeboard
is 9,710 Bbls. ±
Slope = 1:1
10' WIDE BENCH/DIKE
180'
El. 49.8'
C-26.8'
(btm. pit)

F-4.5'
El. 28.5'

F-7.9'
El. 25.1'

F-11.2'
El. 21.8'

El. 34.1'
C-1.1'

C-0.5'
El. 33.0'

F-3.1'
El. 29.9'

F-12.5'
El. 45.5'

C-9.4'
El. 42.4'

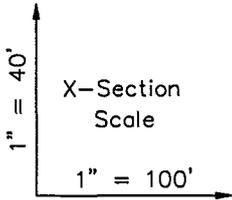
C-4.8'
El. 37.8'

Elev. Ungraded Ground at Location Stake = 5533.5'
Elev. Graded Ground at Location Stake = 5533.0'

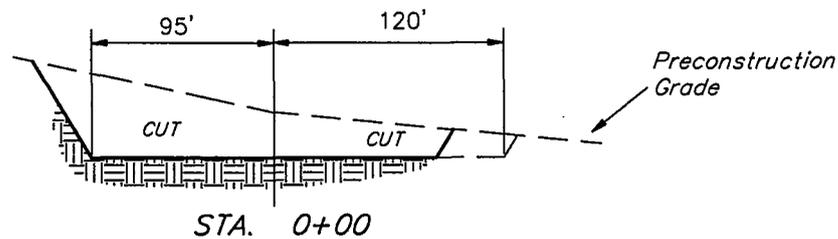
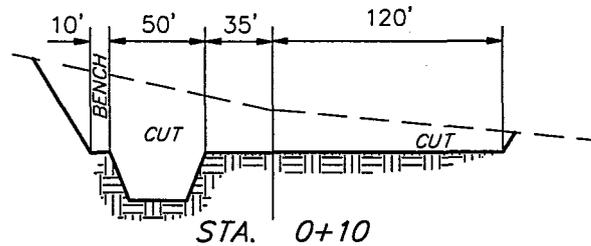
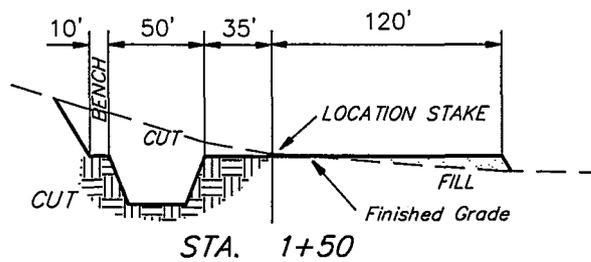
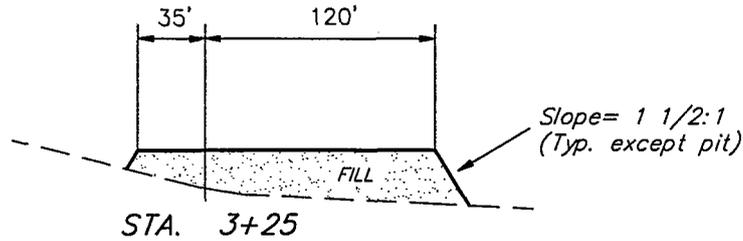
LONE MOUNTAIN PROD., CO.

TYPICAL CROSS SECTIONS FOR

BLACK DRAGON #31-34
SECTION 34, T10S, R24E, S.L.B.&M.
1305' FNL 1897' FEL



DATE: 10-14-97
Drawn By: D.R.B.

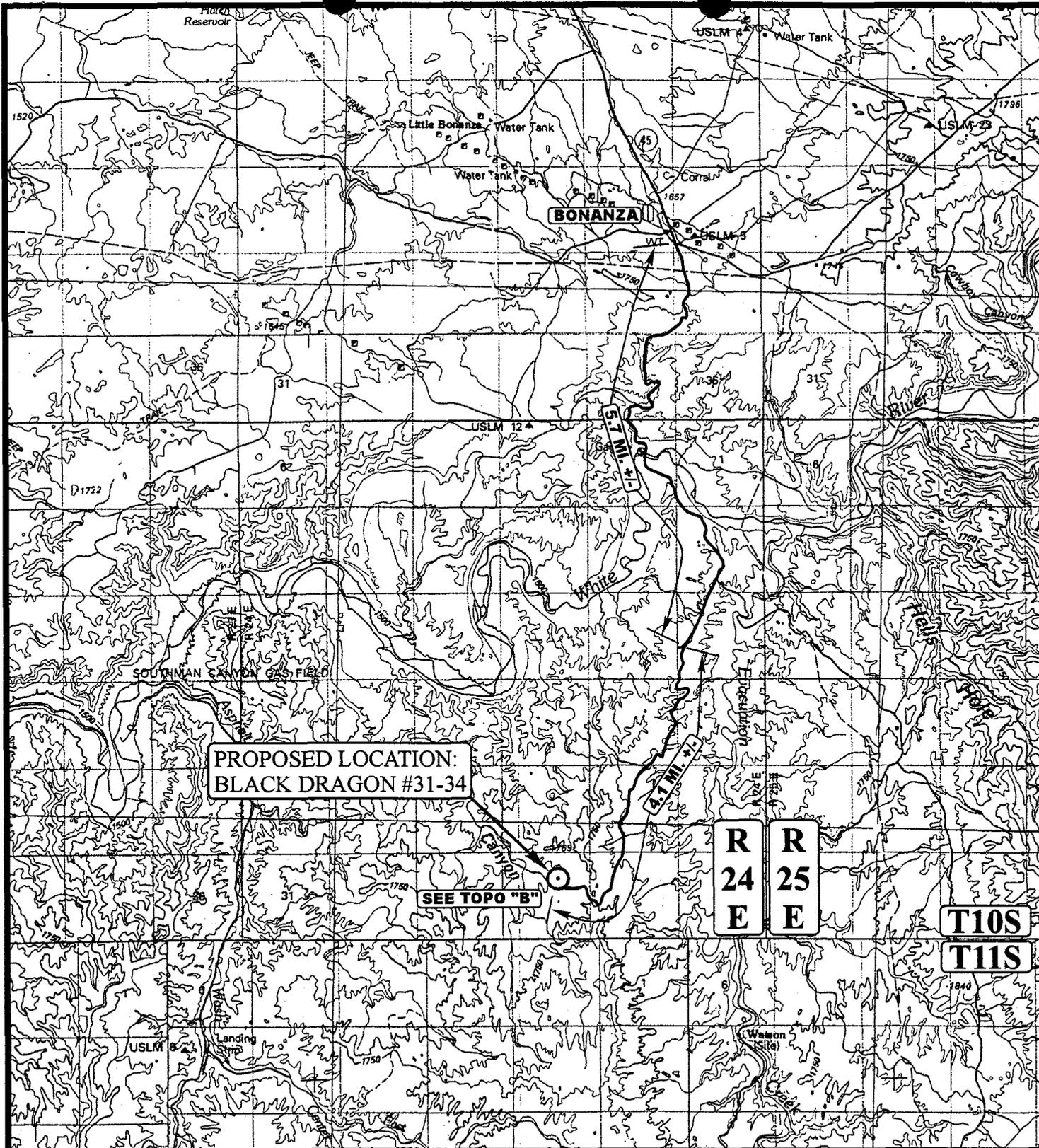


APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,100 Cu. Yds.
Remaining Location	=	10,480 Cu. Yds.
TOTAL CUT	=	11,580 CU.YDS.
FILL	=	6,130 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	5,130 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	2,770 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017



PROPOSED LOCATION:
BLACK DRAGON #31-34

SEE TOPO "B"

R
24
E

R
25
E

T10S
T11S

LEGEND:

○ PROPOSED LOCATION



LONE MOUNTAIN PROD., CO.

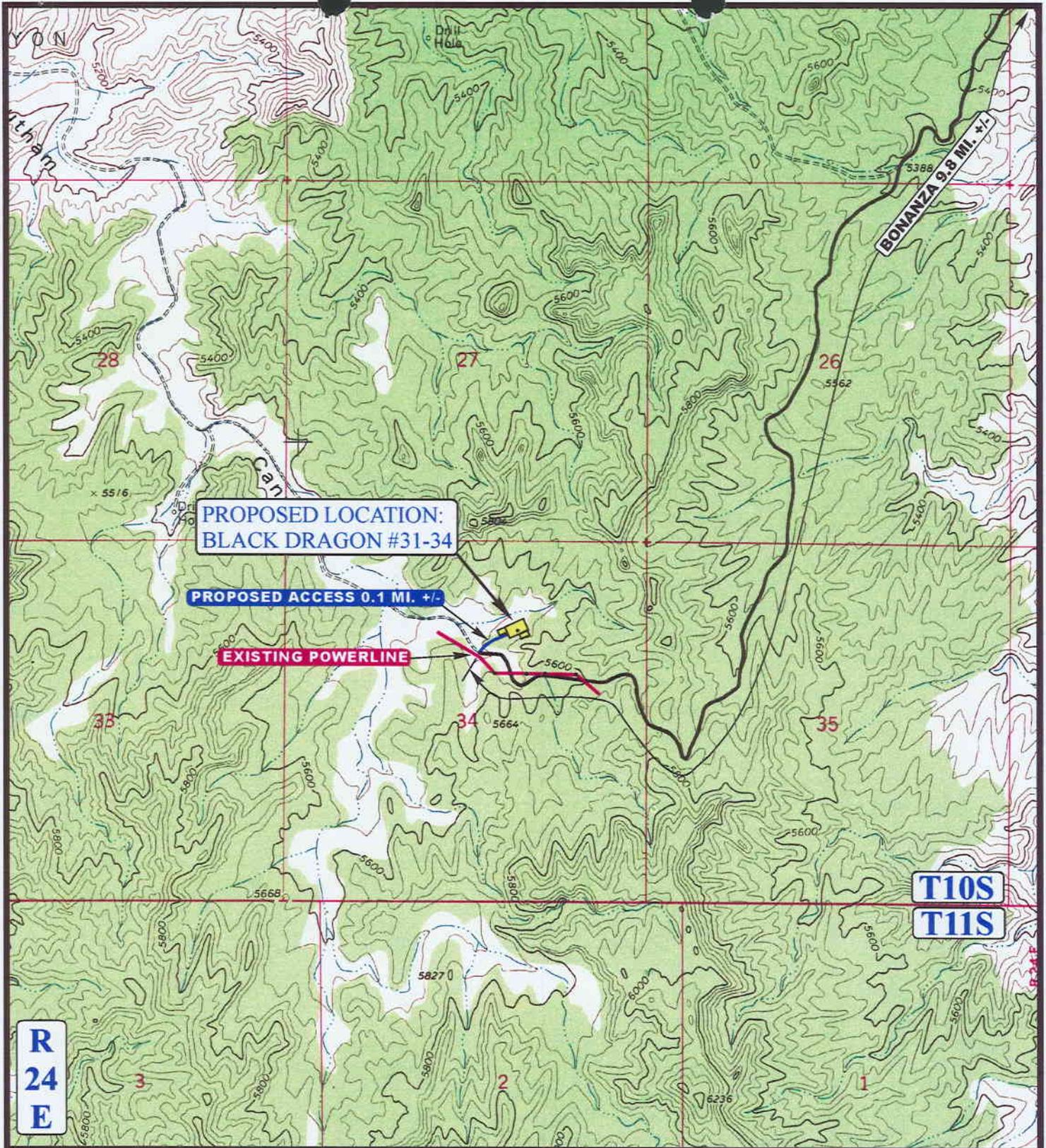
BLACK DRAGON #31-34
SECTION 34, T10S, R24E, S.L.B.&M.
1305' FNL 1897' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@easilink.com

TOPOGRAPHIC 9 29 97
MAP MONTH DAY YEAR
SCALE: 1 : 100,000 DRAWN BY: J.L.G. REVISED: 10-13-97





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



LONE MOUNTAIN PROD., CO.

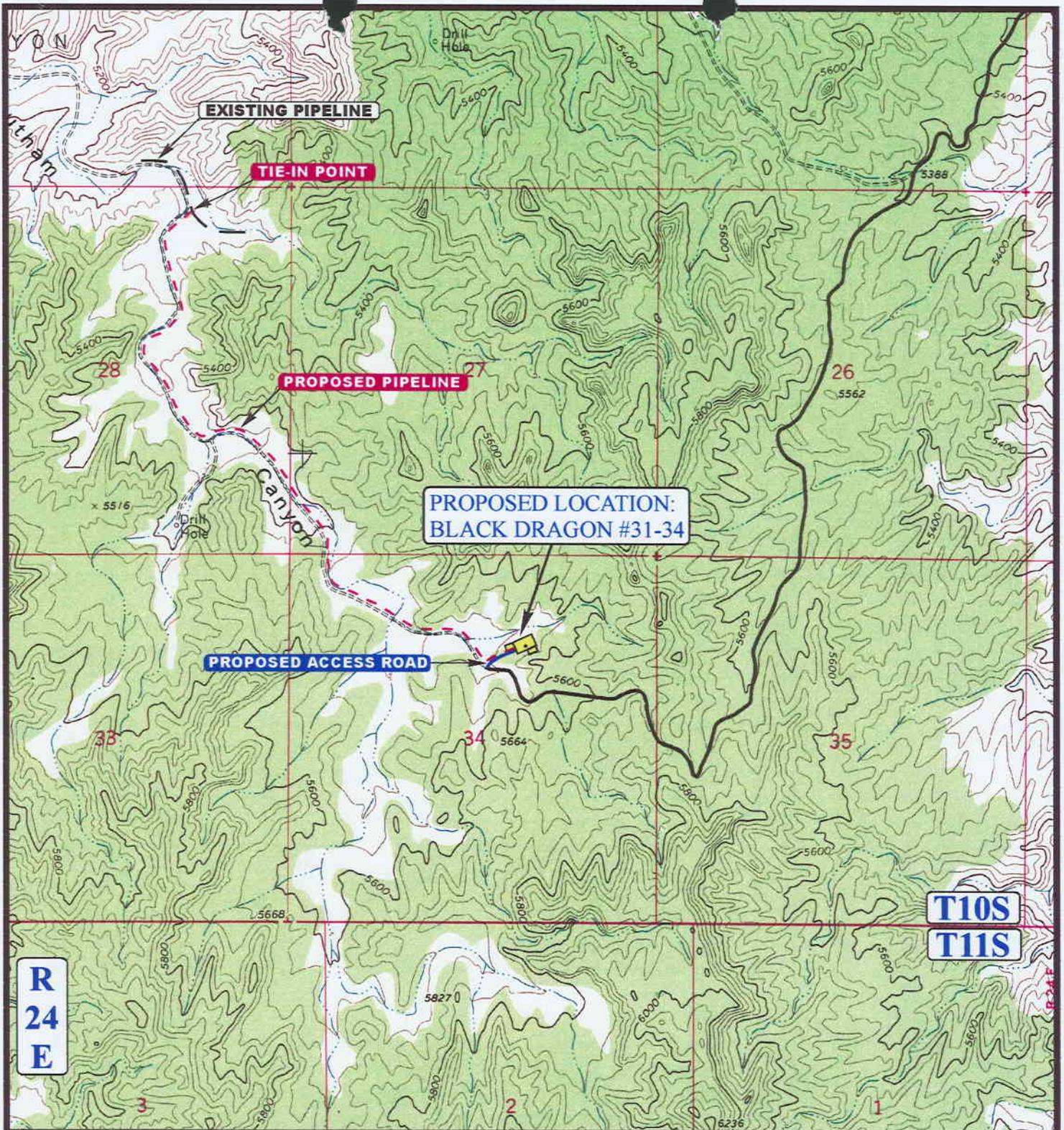
BLACK DRAGON #31-34
SECTION 34, T10S, R24E, S.L.B.&M.
1305' FNL 1897' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uels@easilink.com

TOPOGRAPHIC **9 29 97**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 10-13-97





APPROXIMATE TOTAL PIPELINE DISTANCE = 9900' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



LONE MOUNTAIN PROD., CO.

BLACK DRAGON #31-34
SECTION 34, T10S, R24E, S.L.B.&M.
1305' FNL 1897' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: uel@easilink.com

TOPOGRAPHIC **10 14 97**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/11/97

API NO. ASSIGNED: 43-047-33019

WELL NAME: BLACK DRAGON 31-34
 OPERATOR: LONE MOUNTAIN PRODUCTION (N7210)

PROPOSED LOCATION:
 NWNE 34 - T10S - R24E
 SURFACE: 1305-FNL-1897-FEL
 BOTTOM: 1305-FNL-1897-FEL
 UINTAH COUNTY
 NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: UTU - 66422

PROPOSED PRODUCING FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number UT-0719)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number _____)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: _____

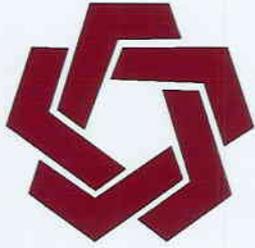
R649-3-2. General.

R649-3-3. Exception.

Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: *Telecon w/ Bill Ryan 12/13/97 - Unit approval is imminent, they are at lease 1305' from offsetting lease - exc. loc. is OK.*

STIPULATIONS: _____



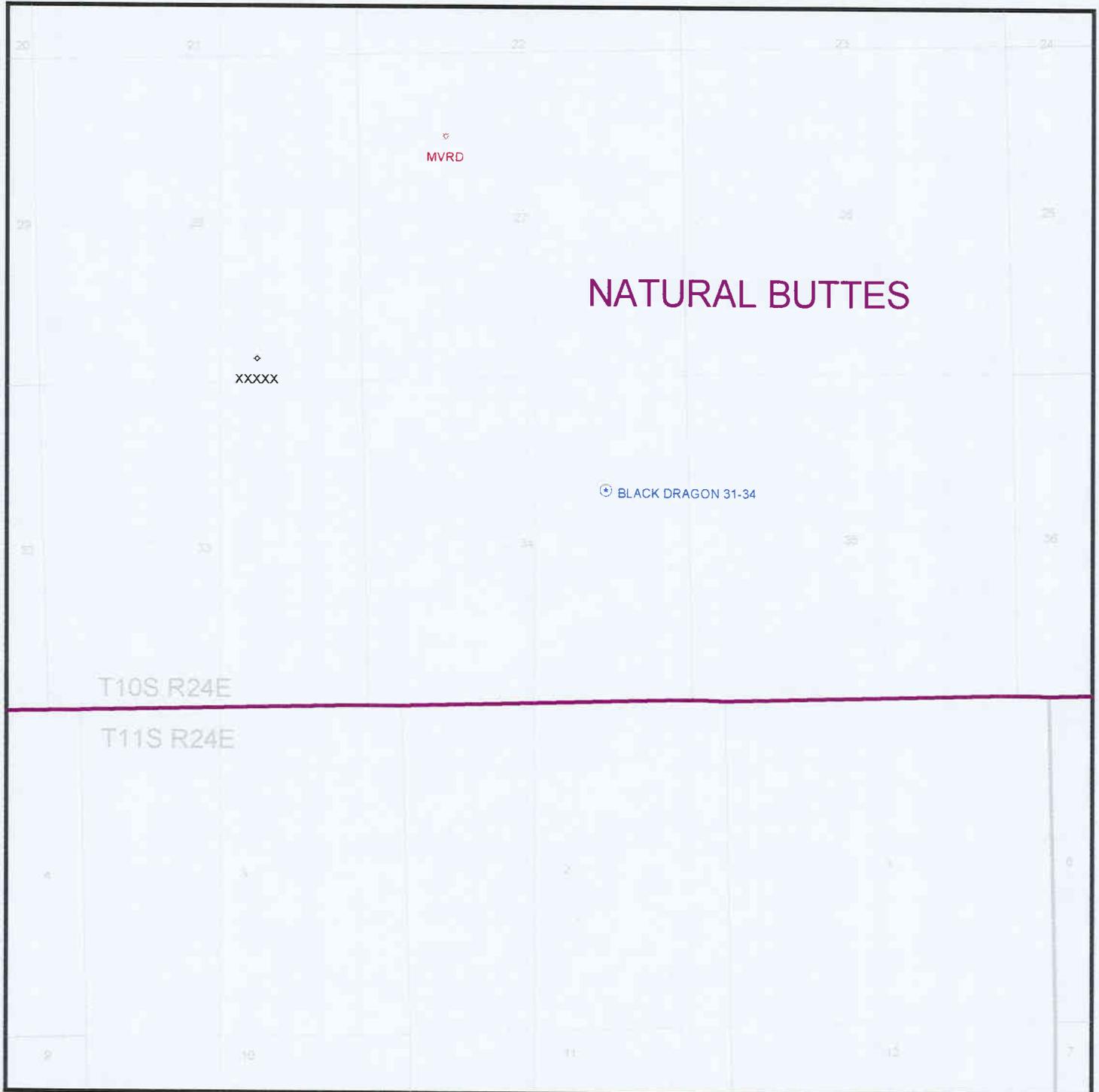
DIVISION OF OIL, GAS & MINING

OPERATOR: LONE MOUNTAIN (N7210)

FIELD: NATURAL BUTTES (630)

SEC. TWP. RNG.: SEC. 34, T10S, R24E

COUNTY: UINTAH UAC: R649-3-3



DATE PREPARED:
11-DEC-1997



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 18, 1997

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103

Re: Black Dragon Unit 31-34 Well, 1305' FNL, 1897' FEL, NW NE,
Sec. 34, T. 10 S., R. 24 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33019.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Lone Mountain Production Company
Well Name & Number: Black Dragon Unit 31-34
API Number: 43-047-33019
Lease: UTU-66422
Location: NW NE Sec. 34 T. 10 S. R. 24 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DOGMA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Lone Mountain Prod., Co.

3. ADDRESS OF OPERATOR
 P.O. Box 3394, Billings, MT 59103 406-245-5077

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1897' FEL, 1305' FNL, NW1/4, NE1/4, Sec. 34, T10S, R24E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 9.8 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1,305'

16. NO. OF ACRES IN LEASE
 9600

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4,000'

19. PROPOSED DEPTH
 6,800'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,534'

22. APPROX. DATE WORK WILL START*
 Dec. 1, 1997

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-66422

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Black Dragon Unit

8. FARM OR LEASE NAME
 Black Dragon Unit

9. WELL NO.
 31-34

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 34, T 10 S, R 24 E.

12. COUNTY OR PARISH 13. STATE
 UINTAH UT

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16	13 3/8	48	400	TO SURFACE
12 1/4	9 5/8	36	2000	TO SURFACE CSG
7 7/8	4 1/2	11.6	T.D.	650 sks

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
 PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
 USE PLAN.
 IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
 350 S., 800 E.
 VERNAL, UTAH
 801-789-0968

801-823-6152

RECEIVED
 NOV 07 1997

RECEIVED
 JAN 12 1998
 DIV. OF OIL, GAS & MINING

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

24. SIGNED William A. Ryan WILLIAM A. RYAN TITLE AGENT DATE October 21, 1997

(This space for Federal or State office use)

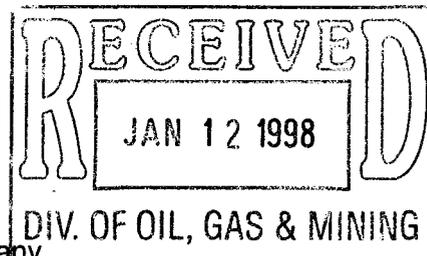
PERMIT NO. _____ APPROVAL DATE _____
 Assistant Field Manager
 APPROVED BY [Signature] TITLE Mineral Resources DATE JAN 05 1998
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Lone Mountain Production Company

Well Name & Number: Black Dragon 31-34

API Number: 43-047-33019

Lease Number: U - 66422

Location: NWNE Sec. 34 T.10S R. 24E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by cementing the intermediate casing to surface and by having a cement top for the production casing at least 200 ft. above the top of the base of the usable water zone, identified at 5,534 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

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

5. .Coring, Logging and Testing Program

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

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

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

7. Other Information

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

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

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

-All permanent (on site for six months or longer) structures constructed or installed will be painted juniper green instead of desert brown as stipulated in the APD.

-The following seed mix will be used to seed the topsoil pile and the reserve pit:

Needle and Threadgrass	Stipa comata	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Shadscale	Atriplex conferifolia	3 lbs/acre
Western wheatgrass	Agropyron smithii	2 lbs/acre
	Total	12 lbs/acre

The location topsoil pile should be broadcast seeded immediately after it is stripped and walked in with a CAT to plant the seed. Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner as the topsoil.

If during construction historic or archaeological materials are uncovered, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Officer. Within five working days, the Authorized Officer will inform the Operator as to:

- whether the materials appear eligible for the National Historic Register of Historic Places;
- the mitigation measures the Operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the Operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the Operator will be responsible for mitigation. Upon verification from the Authorized Officer that require mitigation has been completed, the Operator will then be allowed to resume construction.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: LONE MOUNTAIN PRODUCTION

Well Name: BLACK DRAGON 31-34

Api No. 43-047-33019

Section 34 Township 10S Range 4E County UINTAH

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 1/27/98

Time _____

How DRY HOLE

Drilling will commence _____

Reported by JIM ROUTSON

Telephone # 1-406-245-5077

Date: 1/28/98 Signed: JLT



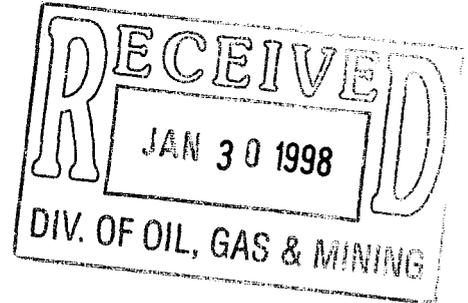
LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

January 28, 1998



State of Utah
Division of Oil, Gas & Mining
1594 W. Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: ENTITY ACTION FORM - FORM 6
BLACK DRAGON UNIT NO. 31-34 WELL
NWN SECTION 34: T10S-R24E
UINTAH COUNTY, UTAH

Gentlemen:

Enclosed is an entity action form, in duplicate, for one new well spud on January 27, 1998 by Lone Mountain Production Company.

Should you have any questions or need further information you may contact me at (406) 245-5077 or Joe Dyk in our Loma office at (970) 858-7546.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY

A handwritten signature in cursive script that reads "James G. Routson".

James G. Routson
President

Enclosure

cc: Joe Dyk
White River Resources

OPERATOR Lone Mountain Production Company

OPERATOR ACCT. NO. N 7210

ADDRESS P. O. Box 3394

Billings, MT 59103-3394

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
A	99999	12280	43-047-33019	Black Dragon Unit #31-34	NWNE	34	10S	24E	Uintah	1/27/98	
WELL 1 COMMENTS: Entity added 2-3-98. Lec (Black Dragon Unit)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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 JAN 30 1998
 DIV. OF OIL, GAS & MINING

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

James R. Porter
 Signature
 President
 Title
 1/28/98
 Date

Phone No. (406) 245-5077

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved
Budget Bureau No. 1004-0135
Expires : March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. UTU-66422
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		6. IF INDIAN, ALLOTEE OR TRIBE NAME
SUBMIT IN TRIPLICATE		7. IF UNIT OR CA, AGREEMENT DESIGNATION UTU76780X
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. WELL NAME and No. Black Dragon Unit #31-34
2. NAME OF OPERATOR Lone Mountain Production Company		9. API WELL NO. 43-047-33019
3. ADDRESS OF OPERATOR P. O. Box 3394, Billings, Montana 59103 (406) 245-5077		10. Field and Pool, or Exploratory Area Rainbow
4. LOCATION OF WELL (Footage, Sec, T., R., M., or Survey Description) 1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)		11. County or Parish, State Uintah County, Utah

CONFIDENTIAL

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

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

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

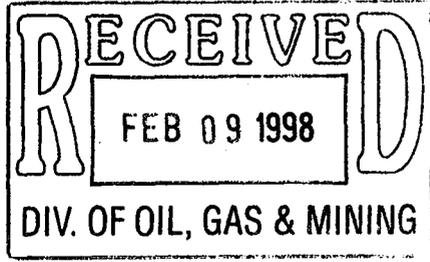
13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded 17-1/2" conductor hole with Bill Jr.'s rat hole rig @ 8:00 a.m., 1/27/98. Air drilled to 450', no water encountered.

Set 13-3/8", 48#, H-40 conductor pipe @ 437'. Cemented with 420 sx. Class "G", 2% CaCl₂, 1/4# celloflake/sx. good cement to surface. Cementing witnessed by Jamie Sparger, Vernal BLM.

Will move in CAZA Rig No. 56 in mid February.

CONFIDENTIAL



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

Signed: James S. Rouben Title: **Petroleum Engineer** Date: **February 4, 1998**

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL IF ANY

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

*See Instructions of Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

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		5. LEASE DESIGNATION AND SERIAL NO. UTU-66422
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF UNIT OR CA, AGREEMENT DESIGNATION UTU76780X
		8. WELL NAME and No. Black Dragon Unit #31-34
2. NAME OF OPERATOR Lone Mountain Production Company		9. API WELL NO. 43-047-33019
3. ADDRESS OF OPERATOR P. O. Box 3394, Billings, Montana 59103 (406) 245-5077		10. Field and Pool, or Exploratory Area Rainbow
4. LOCATION OF WELL (Footage, Sec, T., R., M., or Survey Description) 1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)		11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Status Report	<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 <input type="checkbox"/> Dispose of Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)</small>

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

February 9-14, 1998: MIRU CAZA Rig No. 56. Started drilling 12-1/4" hole @ 9:30 p.m., 2/14/98.

February 17-20, 1998: Drilled with water to 622', lost circulation, pumped 360 bbls mud with 50% LCM, pumped 60 sx. 10/2 thixotropic cement with 5# gilsonite and 2# celloflake/sx in balanced plug, no returns. Drilled with aerated water 684'-2026'. Ran 9-5/8", 36# J-55 surface csg to 2006'. Cemented with 350 sx. 72-28 pozmix with 2# Kolseal & 1/4# celloflake/sx., yield 3.47 ft³/sx., tailed with 100 sx. Class "G", 2% CaCl₂. Displaced with 150 bbls water. Bumped plug @ 5:30 a.m., 2/20/98, no returns. Cemented down annulus through 1" tbg with 50 sx., followed by 100 sx., still no cement to surface. Preparing to run temperature survey. Cementing witnessed by Alan Walker, Vernal BLM.

CONFIDENTIAL

RECEIVED

FEB 23 1998

DIV. OF OIL, GAS & MINING

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

Signed: *James D. Bantson* Title: **Petroleum Engineer** Date: **February 20, 1998**

(This space for Federal or State office use)

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

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

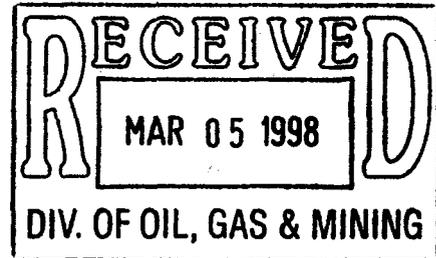
Form Approved
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS		3. LEASE DESIGNATION AND SERIAL NO. UTU-66422
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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. WELL NAME and No. Black Dragon Unit #31-34
2. NAME OF OPERATOR Lone Mountain Production Company		9. API WELL NO. 43-047-33019
3. ADDRESS OF OPERATOR P. O. Box 3394, Billings, Montana 59103 (406) 245-5077		10. Field and Pool, or Exploratory Area Rainbow
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CONFIDENTIAL		
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TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Status Report</u>	<input type="checkbox"/> Dispose of Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

February 21-27, 1998: Cement top by temperature survey: 560'. Dumped 2 yds Redi-Mix cement down annulus to top off. Welded on casinghead, pressure tested casing and BOP's. Mud drilled 7-7/8" hole 2006'-4888'.

CONFIDENTIAL



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

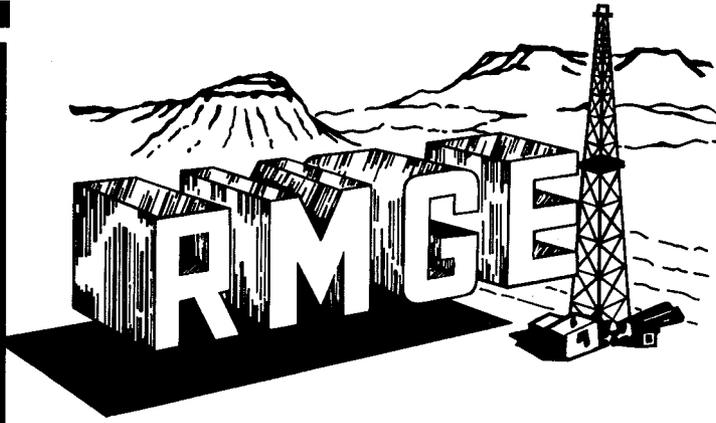
Signed: James S. Routson (cg) Title: **President**

Date: **March 2, 1998**

(This space for Federal or State office use)

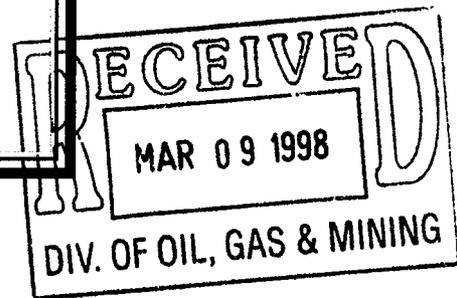
APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL IF ANY

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WHITE RIVER RESOURCES

BLACK DRAGON 31-34
SEC. 34, T10S, R24E
UINTAH COUNTY, UTAH



Well Logging

Consulting Geology

Coal Bed Methane Services

*Computerized Logging
Equipment & Software*

ROCKY MOUNTAIN GEO-ENGINEERING CORP.

2450 INDUSTRIAL BLVD. • GRAND JUNCTION, CO 81505

(970) 243-3044 • FAX: 241-1085

MICROFILM

COMPANY PROFILE

Rocky Mountain Geo-Engineering Corp. specializes in well-site geology and mud logging services. Other services include rental of Portable Automated Logging systems (PAL), and Coal-Bed Methane services. RMGE is also a licensed provider of Texaco's Quantitative Gas Measurement (QGM) and Quantitative Fluorescence Technique (QFT). The company's headquarters are located in Grand Junction, Colorado.

Rocky Mountain Geo-Engineering Corp. has been in continuous operation since 1952 when it was founded by Henry P. (Bud) Lackey and Bill Covey. RMGE has expanded from three logging units in 1958 to twenty-three mobile logging laboratories and twenty-four Portable Automated Logging systems in 1996.

Andy Kelley joined the company in 1981 as head of the Research and Development Department and was elected President and CEO in 1984. He assumed ownership of the company, along with partners Les Bertroch and William Nagel in 1993. Mr. Nagel is the senior staff geologist and Mr. Bertroch heads up research and development. The partners share responsibility for daily operations management.

RMGE logging units are all equipped with F.I.D. hydrocarbon gas detectors and chromatographs and the Automated Logging system, developed by RMGE. RMGE builds and maintains all the hydrocarbon gas detection equipment used in our operations, including the F.I.D. equipment and the Automated Loggers. We are continually developing new equipment, software, and methods of analysis. Many of our innovations have become standards in the industry.

Since 1952, Rocky Mountain Geo-Engineering Corp. has built and maintained a superior reputation by providing our clients top quality service with professional personnel and state-of-the-art equipment. Our staff, many of whom have been with the company for over ten years, are carefully selected and trained to provide the highest caliber of performance in the field. Of benefit to our geologists and clients, RMGE has accumulated one of the most comprehensive permanent mud log and geological report files in the Rocky Mountain Region. As a result of our reputation, we have been selected to serve on many rank wildcat and discovery wells in every area of the Rocky Mountain Region.

Selecting Rocky Mountain Geo-Engineering Corp. assures that your investment of time and capital will be in the hands of capable professionals. Having survived over forty years of boom and bust cycles in our industry, we are confident of being available far into the future to meet your mud logging and geological requirements.

SUMMARY OF SERVICES

Well-site Geology	Geologic Supervision, consisting of information on core and test reports, initial interpretations of wire-line logs, and a comprehensive final report.
Well-site Geology with Logging Unit	Geologic Supervision and complete instrumentation, with the geologist living on location. Drilling personnel to be responsible for sample collection.
Well-site Geology with Logging Unit and one Logger	Geologic Supervision and complete instrumentation on a 2-man, 24 hour basis.
One-Man Mud Logging Service	RMGE logger lives on location, providing complete instrumentation and mud logging services. Drilling personnel to be responsible for sample collection.
Two-Man Mud Logging Service	2-man, 24-hour coverage, providing complete instrumentation and mud logging services.
Modified One-Man Logging Service	Portable Automated Logger housed in a small trailer, rig crew or operators personnel are responsible for daily operation. RMGE technician visits on scheduled basis and is on call in case of problems. Available only on a regional basis where RMGE has an established technician within easy reach of well.
Coalbed Methane Services	Desorption and Adsorption Analysis of cores or cuttings, Proximate and Ultimate Analysis, and Vitrinite Reflectance. Coalbed methane services can be combined with any of the services listed above.
Peripheral Mud Logging Equipment	Pressure Profile Log with D-Exponent, Hydrogen Sulfide Detector (H ₂ S), Carbon Dioxide Detector (CO ₂), Ultrasonic Drilling Fluid Flowmeter, Shale Density Equipment, Drilling Fluid Temperature (in/out), HP Integrators, Calcimeters, Cellular Phones, FAX Machines, and Modems.
Specialized Services	RMGE is a licensed provider of Texaco's Quantitative Gas Measurement (QGM) and Quantitative Fluorescence Technique (QFT), and provides Laboratory Analytical services.
Automated Logging System	All RMGE logging units are equipped with state-of-the-art computerized logging systems, which are integrated with the F.I.D. Hydrocarbon Gas Detectors, and L PLOT, RMGE's proprietary logging program. All systems have communications capability providing the ability to monitor the instrument from the office and send and receive logs via e-mail.
L PLOT Mud Log / Strip Log Program	All RMGE personnel are equipped with our L PLOT logging program which is integrated with the Automated Logging Systems. All levels of service include copies of L PLOT for office and field personnel, as needed.
Final Logs and Geological Reports	All data generated by RMGE is available in both printed and digital form. E-log data can be imported by L PLOT and included in the final log.

ROCKY MOUNTAIN GEO-ENGINEERING

Electronic Rig Monitoring Systems • Well Logging • Consulting Geology • Coal Bed Methane Services

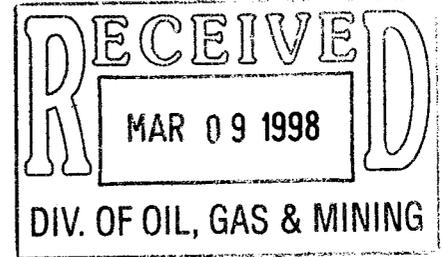
PASON ROCKY MOUNTAIN GEO-ENGINEERING CORP.

2450 INDUSTRIAL BLVD. • GRAND JUNCTION, CO 81505

(970) 243-3044 • (FAX) 241-1085

Thursday, March 05, 1998

Division of Oil & Gas Mining
State of Utah
1594 West North Temple
3 Triad Center
Suite 1210
Salt Lake City, UT 84180



Re: Black Dragon 31-34
Sec. 34, T10S, R24E
Uintah County, Utah

CONFIDENTIAL

Dear Sirs:

43 047 33019

DRL

Enclosed are the final computer colored logs for the above referenced well.

IN LOG FILE

We appreciate the opportunity to be of service to you and look forward to working with you in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

A handwritten signature in cursive script that reads "Bill Nagel".

Bill Nagel
Senior Geologist

BN/dn

Enc. 2 Final Computer Colored Logs

cc Steve Fillingham; White River Resources Corp.; Denver, CO

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 11 1998
DIV. OF OIL, GAS & MINING

1. LEASE DESIGNATION AND SERIAL NO. **UTU-66422**

2. 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

3. IF INDIAN, ALLOTTEE OR TRIBE NAME

4. IF UNIT OR CA, AGREEMENT DESIGNATION **UTU 6780X**

5. WELL NAME and No. **Black Dragon Unit #31-34**

6. NAME OF OPERATOR **Lone Mountain Production Company**

7. ADDRESS OF OPERATOR **P. O. Box 3394, Billings, Montana 59103 (406) 245-5077**

8. API WELL NO. **43-047-33019**

9. FIELD AND POOL, OR EXPLORATORY AREA **Rainbow**

10. LOCATION OF WELL (Footage, Sec, T., R., M., or Survey Description) **1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)**

11. COUNTY OR PARISH, STATE **Uintah County, Utah**

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 Run casing
	<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
	<input type="checkbox"/> Dispose of Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

February 28-March 6, 1998: Mud drilled 7-7/8" hole to 6460' TD.

Ran 146 jts. 4-1/2" 11.6#, J-55 casing to 6455' KB and cemented with 800 sx. Class "G".

Rig released at 7:00 a.m., 3/5/98.

CONFIDENTIAL

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

Signed: *James S. Houston (cq)*

Title: **President**

Date: **March 9, 1998**

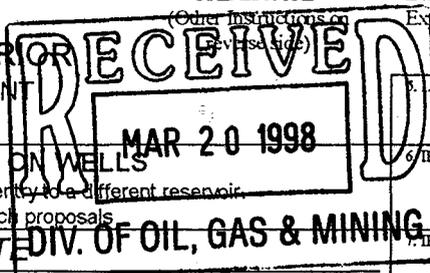
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APPROVED BY: _____ TITLE: _____ DATE: _____
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*See Instructions of Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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Use "APPLICATION FOR PERMIT--" for such proposals.

SUBMIT IN TRIPLICATE

LEASE DESIGNATION AND SERIAL NO.
UTU-66422

INDIAN, ALLOTEE OR TRIBE NAME

UNIT OR CA, AGREEMENT DESIGNATION
UTU76780X

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

8. WELL NAME and No.
Black Dragon Unit #31-34

2. NAME OF OPERATOR
Lone Mountain Production Company

9. API WELL NO.
43-047-33019

3. ADDRESS OF OPERATOR
P. O. Box 3394, Billings, Montana 59103 (406) 245-5077

10. Field and Pool, or Exploratory Area
Rainbow

4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description)
1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)

11. County or Parish, State
Uintah County, Utah

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	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Run casing</u>	<input type="checkbox"/> Dispose of Water

CONFIDENTIAL

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Revised

Mud drilled 7-7/8" hole to 6460' TD. Ran E-logs. Log tops: Mahogany Bench 395' (+5150'); Uteland Butte 2710' (+2835'); Wasatch 2810' (+2735'); Mesaverde 4420' (+1125').

Ran 146 jts. 4-1/2" 11.6#, J-55 casing to 6455' KB and cemented with 800 sx. Class "G".

Rig released at 7:00 a.m., 3/5/98.

CONFIDENTIAL

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

Signed: James D. Routson (sg)

Title: **President**

Date: **March 18, 1998**

(This space for Federal or State office use)

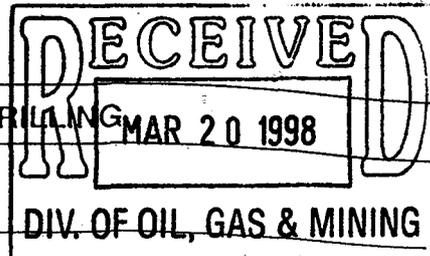
APPROVED BY: Accepted by the Utah Division of Oil, Gas and Mining TITLE: _____ DATE: _____

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FOR RECORD ONLY

*See Instructions of Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Black Dragon Unit No. 31-34

API number: 43-047-33019

2. Well Location: QQ NWNE Section 34 Township 10S Range 24E County Uintah

3. Well operator: Lone Mountain Production Company

Address: P. O. Box 3394

Billings, MT 59103

Phone: (406) 245-5077

4. Drilling contractor: CAZA Drilling Inc. Rig No. 56

Address: P. O. Box 17805

Denver, CO 80217

Phone: (303) 292-1206

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1486'	1495'	32 bbls/hour *	not determined
1885'	1895'	28 bbls/hour *	not determined
*These zones gave up water while drilling with aerated mud.			
They did not flow to surface with the air off.			

6. Formation tops:

<u>Green River</u>	<u>surface</u>	
<u>Mahogany Bench</u>	<u>395'</u>	<u>(+5150')</u>
<u>Uteland Butte</u>	<u>2710'</u>	<u>(+2835')</u>
<u>Wasatch</u>	<u>2810'</u>	<u>(+2735')</u>
<u>Mesaverde</u>	<u>4420'</u>	<u>(+1125')</u>

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 3/18/98

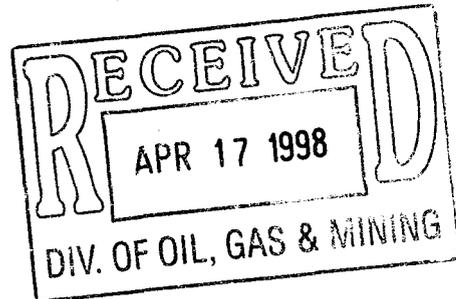
Name & Signature: James G. Routson

Title: President

WRRM

White River Enterprises, LLC
Suite 925, 410 17th Street
Denver, Colorado 80202

April 13, 1998



Division of Oil & Gas Mining
State of Utah
1594 West North Temple
3 Triad Center, Suite 1210
Salt Lake City, UT 84180

RE: Geologic Report - Black Dragon #31-34 Well
Uintah County, Utah

4304733019
105 24E 34
NWNE

CONFIDENTIAL

Dear Sir/Madam:

Please find enclosed for your records, two copies of the Geologic Report for the above referenced well.

Sincerely,

Karen Hamilton for
Steve M. Fillingham

/ksh

Enclosures

RECEIVED
APR 17 1998

DIV. OF OIL, GAS & MINING

Geologic Report

CONFIDENTIAL

Black Dragon Unit 31-34
White River Resource Management, Inc.

Lone Mountain Production Co., Operator

43 047 33019

NWNE Section 34 T10S R24E

Uintah County, Utah

1305 FJL 1897 FEL
DRL

Well: Black Dragon Unit 31-34
Location: NWNE Section 34 T10S R24E
Footages: 1897' FEL, 1305 FNL.

Operator: Lone Mountain Production Company.
100 N 27th Street, Billings, Mt 59103-3394

Owners: White River Resource Management, Inc.
Suite 925, 410 Seventeenth Street
Denver, Colorado 80202

Yates Petroleum Corporation
Artesia, New Mexico.

Spud Date: Commenced drilling February 15, 1998
Elevation: Surveyed GL 5534', 2' cut at stake.
rGL: 5532' KB: 5545'
Total Depth: DTD: 6450', LTD 6458'

Drilling Contractor: Caza, Rig Number 56
Frank Amos, Toolpusher

Casing: 13 3/8" Surface Casing at 449' KB.
9 5/8" Casing set at 2006'
4 1/2" production casing to TD.

Drilling Fluid: Anchor Drilling Fluids USA, Inc.
Bentonite Gel with 1.5-2.0% Kcl.
Larry Howard, Mud Engineer

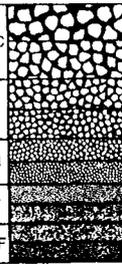
Mud logger: Rocky Mountain GeoEngineering, Inc.
Grand Junction, Colorado.
2 man continuous 450' to TD
Eric Heller, Bryce Currie Mudloggers.

Open Hole Logs: Schlumberger Wireline Services, Inc.
Vernal, Utah
J. Jarvi, J. Gill, Engineers

Status : Ran 4 1/2" casing for production.

Geologist: Steve M. Fillingham. CPG #5133, Wyo PG-287

Show Summary

Wentworth Sand Size Class	Very Coarse	1410 - 2000 μ	VC	
	Coarse	1000 - 1410 μ		
	Coarse	710 - 1000 μ	C	
		500 - 710 μ		
	Medium	350 - 500 μ	M	
		250 - 350 μ		
	Fine	177 - 250 μ	F	
		125 - 177 μ		
	Very Fine	88 - 125 μ	VF	
		62 - 88 μ		

Green River (Casing recommendation).

Gas was noted in oil shale section of the Green River Formation. The field engineer reported gas from the 9 5/8" casing and 12 1/4" casing annulus following cementing of the 9 5/8" string. This gas could have been displaced up the annulus during cementing of the 9 5/8" string. They did not allow the 2-3 foot flare to die down but rather killed the flow from surface by pumping cement down the annular space. Lost circulation from 560' to 685' feet required that an air drilling package be brought to location and the hole air mist drilled to 2006' where surface casing was set. Gas readings were not reliable above the lost circulation zone (FID unit not fully functional) and no gas readings were taken during air drilling so there is no direct record of exactly where the gas was coming from.

Shallow oil shale gas has been documented in the Federal 2-20 mudlog (Section 20 T10S R24E) and by Drill Stem Test of the oil shale section during drilling of the well in Section 24. This is a low pressure gas zone (under 200 psi based on the DST) which is easily controlled by air rig systems.

The drilling foreman recommends drilling out below conductor with an air package through the gas bearing shale and 200 to 300 feet below the base of lost circulation where surface casing should be set. This would amount to roughly 1200' of surface casing which in turn will aid in control of water flow as typically encountered from 750 to 950'.

Lower Green River

Shows were noted in several tan colored limestones as described on the mudlog. There were common oil shows in some of the sands in this section but none were strong live oil shows. The limestone from 2400-2500' continued to produce connection gas during the remainder of drilling operations.

Wasatch:

The Upper Wasatch section consists of fine to medium grained (177-250 micron) sands having scattered rare glauconite grains in a reddish brown (brick colored) shale and siltstone dominated section. The presence of glauconite suggests that the sands were deposited in distributary channels and distributary bars. The red beds are probably delta plain equivalent.

The Lower Wasatch section was typically drab colored limestone and shales with common fine to medium grained sandstones (177-250 micron). The coarsest sands were noted in channel deposits found at 4122 to 4166 feet. This channel is roughly correlative to the base of the thick channel found from 4178 to 4235 feet in the Federal 21-27 roughly one mile to the northwest. Calculated water saturation is 60% in the thin sand at 4153 feet (based on and R_w of 0.30 at reservoir temperature, 17% density porosity, some neutron cross-over, 20 Ohm-m) which may be communicated with better pay away from the wellbore. The presence of up to 500 micron grains suggests that this is a thin bench of a much larger channel accretion set.

Immediately above the channel sand is a carbonate rich bed having a single 10 foot thick sand at 4082 feet which gave up 950 gas units during drilling. This sand produced connection gas having a double peaked character (first peak Green River limestone show, second peak Wasatch bench) which persisted through the rest of the well. Log calculations confirm the gas show however the sand may yield a high water cut. Based on an R_w of 0.30 (as taken from comparison of the drilling mud R_{mf} and the SP character in the sand) the zone has a calculated water saturation of 60% (Archie), and 52% (Simandoux). No shows were noted in good quality samples. The zone should be tested prior to abandonment of the well.

The top ten feet of the Wasatch sand at 4228 to 4362 had some gas saturation both in sample evaluation and by log analysis. The bottom half of the sand is wet.

The best Wasatch log show is found at 4324 to 4336'. Samples were: Sandstone, white to light grey, fine grained (177 micron) becoming fine to medium grained (177-250 micron) SR-SA, minor chert, very well sorted, no glauconite, poor porosity with scattered faint yellow fluorescence, Sample at 4330-40' had common fine to medium grain clusters (250-350 micron) with one cluster having bright yellow fluorescence and slow milky cut.

Calculated water saturation is 57% to 59% based on an R_w of 0.30, density porosity of 13.5% and R_t of 30 Ohm-m. Schlumberger's analysis shows the bench to be very near to irreducible water saturation using shale correction and dual water model.

Upper Mesaverde: (Tucher Farrar) 4420'

Dominantly fine grained fluvial sandstones in grey shale and siltstones.

Gas Increase 400/1000/400 GU This sand provides the best log show for the well.
5441-5466' Sandstone 80%, white to light grey, fine grained (125-177 micron) very well sorted, minor chert rare glauconite, well cemented, calcareous, fair porosity, abundant clay filling, 60% of sample having good even bluish yellow and spotty pore filling fluorescence, poor cut, no stain.

There was a strong gas increase immediately above the sand (up to 3000 units) with only 1000 units total gas recorded in the sand itself. No gas readings were obtained for the bottom ten feet of this sand due to line freezing and subsequent loss of power at the agitator. Log analysis shows water saturation of 47% to 59% (48% to 64% Schlumberger, dual water model) however this is very close to irreducible water saturation based on the very fine grain size and corresponding low permeability (as inferred from nearby Mesaverde tests).

Lower Mesaverde (Neslen): Sample top: 5498'

The strongest gas increases were produced by coals. Many of the sands appear gas saturated in the upper half of the Neslen but did not have particularly strong sample shows. The sands would be easily overlooked with poor sample control. Also, it appears that the gas increase is confined to the top of individual sand benches, presumably due to flushing of the lower (more permeable) section by drilling fluid.

Consider perforating the sands at: 5560-65' and 5680-84' based on log analysis and mudlog shows.

Lower Mesaverde: Segó

Several sands here had strong sample shows in generally poor porosity. Much of the fluorescence and stain is probably related to heavier hydrocarbons. The best sample show for the well came from the sand at 5900'.

Samples were: Gas Increase: 500/2000/500
5900-5916' Sandstone 80%, fine grained (177 micron) light grey to white, minor chert, well sorted, fair to well cemented, slightly calcareous, fair to good porosity, 80% good bright blue pore filling fluorescence, good slow milky cut, rare tan stain.

This is very fine grained low permeability rock and as such should have very little moveable water but will most likely require stimulation to produce. Log analysis indicate a S_w of 47% to 55% based on Schlumberger's dual water model.

Similar water saturations were obtained using the Archie ($a=1$, $m=1.8$, $n=1.9$) and Simandoux equations for the interval from 5940-5950'. Samples from this lower sand were not as encouraging as above having 10% fluorescence and poor cut. The gas increase and low calculated water saturation suggest that both sands (5900 to 5950') are capable of water free gas production. The low porosity suggests low storage volume and limited recovery.

Mud Record:

Date:	Depth:	MW	Vis	Chlorides	Comments:
2/15/98	622	Water		50% LCM	
2/16/98	684	Water			Cemented Lost Circ Zone.
2/17/98	684'	8.4	37	400 ppm	
2/18/98	1195'	8.4	29	19000 ppm	
2/19/98	1770'	8.4	29	300 ppm	Water flow at 33 bbl/hr from 1486'.
2/20/98	1997'	8.4	29	350 ppm	Water flow @ 1855'
2/21/98	1971'	8.4	27		Casing Set.
2/22/98	2610'	8.6	45	3000 ppm	
2/23/98	3390'	9.0	34	7000 ppm	Solids 4.5%
2/24/98	3622'	8.8+	30	7500 ppm	Solids 3% add water
2/25/98	4000'	9.2	36	13000 ppm	Solids 5.4% add water
2/26/98	4465'	9.6	38	13000 ppm	Solids 8.4% add water
2/27/98	4885'	9.6	35	11000 ppm	Solids 8.6% add water
2/28/98	5160'	9.7	34	7000 ppm	Solids 10.2% add water
2/29/98					
3/01/98	5618'	9.4+	36	10000 ppm	Solids 7.2% add water
3/02/98	6048'	9.5	35	12000 ppm	Solids 8% add water
3/03/98	6422'	9.6	37	8000 ppm	Solids 8.8% build vis.
3/04/98	6460'	9.6	37	13000 ppm	Final mud sample 13,000 ppm.

Bit Record / Surveys

Bit	Size	Type	Nozzles	In	Out	Ftg	Hours	WOB	RMP	Deviation
1	12.25"	ATJ-1 Retip	18/18/18	450	684	234	8.00	20-35	65	1° at 568'
2	12.25"	HTC MOI		684	2026'	1342	44.75	30-35	55	1.5° at 2100'
3	7 7/8"	Security O25	13/14/14	2006	4898'	2892'	96.00	38-40	55	2.0° at 4989'
4	7 7/8"	Reed HP53A	15/15/14	4898'	6460'	1562'	e90.0	38-40	55	2.5° at 6460'

Formation Tops

Formation	Depth	Datum (SL reference)
Green River	Surface	+5532'
Mahogany Bench (oil shale marker)	395'	
Birds nest Lost Circulation zone	560 to 685'	
Water bearing sand:	720'-740'	
Water bearing sand:	918'-960'	
"H" Marker	1128'	+4417'
Uteland Butte Limestone:	2710'	+2835'
Wasatch	2810'	+2735'
Mesaverde	4420'	+1125'
Tucher-Farrar Member	4420'	+1125'
Neslen Member	5498'	+ 47'
Sego Member	6199'	(-654')
Buck Tongue Shale	6397'	(-852')
LTD:	6458'	(-913')

Log Calculations: (SW=Archie, a=1, m=1.8, n=1.9) Sw2=Shaley sand equation using Gr for Vsh.

Top	Bottom	Interval	Density	Neutron	Rt	Rw	Sw	Sw2
4224	4235	8	.165	.21	20	0.3	.60	.52
4235	4250	13	.17	.195	17	0.3	.64	.58
4250	4263	16	.17	.21	18	0.3	.62	.58
4321	4332	8	.135	.20	30	0.3	.59	.57
5446	5450	4	.12	.12	29	0.21	.557	.56
5450	5452	2	.135	.12	29	0.21	.50	.52
5452	5454	2	.14	.175	20	0.21	.59	.60
5454	5462	8	.16	.14	24	0.21	.47	.52
5462	5465	3	.15	.16	24	0.21	.50	.51
5920	5952	12	.125	.145	35	0.20	.47	.47

Mesaverde 4420'

4410-4420' Sandstone, 30%, light grey, fine grained (125 micron) trace carbon partings on some clusters. occasional coaly debris, Shale medium grey.

4445-4460' Sandstone 70% white, abundant buff clay filling, fine to medium grained (177-250 micron) common (250 micron) occasional fine to medium grained clusters (250-250 micron) calcareous cement, fair to good porosity, Rare dull yellow fluorescence, no cut no stain. (Mudlogger noted some cut in sample from 4450-60').

4640-4650' Sandstone 80%, white to light grey, fine grained (177-250 micron), S&P, SA, minor chert, slightly calcareous, good porosity, minor white clay filling, rare spotty yellow fluorescence, no stain, no cut.

4810-4830' Sandstone, 10%, light grey, very fine grained (88-125 micron), occasional (177 micron), well cemented calcareous, fair to poor porosity, trace with dull yellow to spotty yellow fluorescence, very slow milky cut, no stain.

Bit trip at 4898', Mudlogger reported show in 2-3 clusters (possible cavings after trip). Trip gas and recycled gas masked any increases from the thick sand section below.

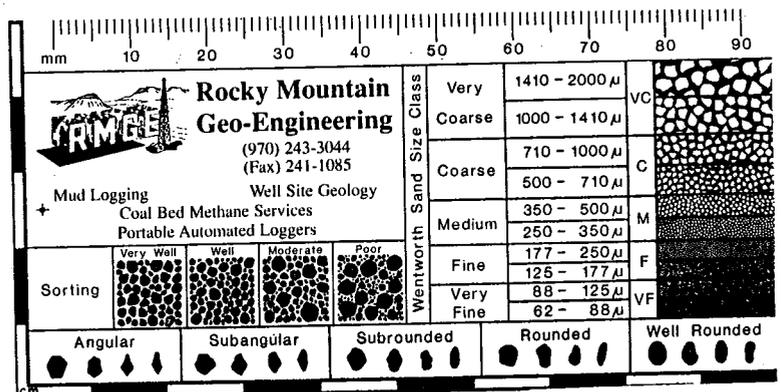
4905-4980' Sandstone 80%, white, fine grained (177-250 micron) at top, becoming (250 micron) at center, abundant loose sand grains, well sorted, SA, moderate chert, no glauconite, calcareous, friable, good porosity, rare spotty yellow fluorescence in dry samples, no cut, no stain.

5120-5150' Shale 80%, medium light grey, firm hard waxy in part, slightly calcareous.

Gas Increase: 200/700/250 GU (This increase is hard to see on the 1:5000 unit mudlog scale).

5154-5160' Sandstone 80%, light grey, fine grained (177-250 micron), SR-SA, moderate chert, very rare glauconite, fair calcareous cement, good clay filled porosity, occasional spotty yellow fluorescence at 5160', no stain, no cut.

5180-5230' Shale 70%, light grey.



Gas Increase: 200/1900/400 GU

5250-5280' Siltstone 60%, light grey to tan, firm to hard calcareous, poor porosity, some sandstone very fine grained (88 micron) clay filled, 50% of (tan siltstone) sample with bright yellow fluorescence, slow milky cut in part, minor tan stain.

5348-5382' Sandstone very fine grained (88-125 micron) tan colored as above, non-calcareous, no chert or glauconite, rare pyrite, poor porosity. 10% of sample with good even bright yellow fluorescence, poor stain poor cut.

5430-5440' Sandstone 60%, green, fine grained (125 micron) and brownish grey (88 micron) no show, non-calcareous.

Gas Increase 400/1000+/400 GU Best log show in the well.

5441-5454' Sandstone 80%, white to light grey, fine grained (125-177 micron) very well sorted, minor chert rare glauconite, well cemented, calcareous, fair porosity, abundant clay filling, 60% of sample having good even bluish yellow and spotty pore filling fluorescence, poor cut, no stain.

5454-5466' Sandstone 80%, tan to white, fine grained (177 micron) slightly coarser than above, well cemented, calcareous, minor chert, fair to good porosity, 80% with even faint light blue fluorescence, no cut. (rig sample).

Note: Gas increase was from the very top of this sand. (mudlogger and geologist samples) The bottom ten feet of sand had no gas readings due to loss of power at agitator. There was no gas visible in the mud.

NESLEN @ 5498' Formation change noted in samples.

5510-5540' Shale 80%, dark greyish brown, earthy, non-calcareous, Siltstone, with common very fine grained sandstone (88 micron) common carbon partings.

5546-5548' Coal (gas increase 4000 Units)

Drilling break 3/1.5/3 mpf, Background gas 500 GU, no increase

5560-5564' Sandstone 70%, white to tan, very fine grained (125-177 micron) SA, very well sorted, rare chert, fair to well cemented, calcareous, mostly poor porosity, good porosity in part, 5% with even bright bluish yellow fluorescence, poor crush cut, no stain. (not a good strong show, only a few clusters of a mostly sand sample had show here).

5606-5610' Coal

5610-5620' Sandstone 30%, light greyish tan, fine grained (88-125 micron) well sorted, trace chert, well cemented, calcareous, poor porosity, no show.

5620-5660' Siltstone, brownish grey, calcareous and tight with coal partings.

Gas Increase: 5500 Gas Units from coal. Cannister sample taken at 5560-70'.

Gas Increase: Bgg 1250 GU.

5675-5700' Sandstone 40%, increasing to 60% of sample, light greyish tan, very fine g rained (88-125 micron) very well sorted throughout, SR-SA, trace chert, trace glauconite, fair to well cemented, non-calcareous, fair clay filled porosity, generally no show in good samples, scattered

rare dull yellow fluorescence, no stain, no cut.

5700-5800' Coal and coal cavings. Some samples with up to 60% siltstone, brownish grey, and sandstone 10% white very fine grained (125 micron), non-calcareous, poor to fair clay filled porosity, no fluorescence, no stain no cut.

5800-5836' Siltstone 60%, brownish grey as above.

Gas Increase: 500/750/500 GU, MW 9.4+

5836-5870' Sandstone 70%, white, very fine grained (125-177 micron) well sorted, minor chert, slightly calcareous, well cemented, porosity goes from fair at top of sand to good at base of sand with increase in grain size downward to (250 micron). There is a decrease in show downward with most of the show at the top of the sand as: 10% spotty pore filling fluorescence, slow milky cut and minor spotty brown pore filling stain.

Gas Increase: 500/2000/500 (Strongest Sample Show in well)

5900-5916' Sandstone 80%, fine grained (177 micron) light grey to white, minor chert, well sorted, fair to well cemented, slightly calcareous, fair to good porosity, 80% good bright blue pore filling fluorescence, good slow milky cut, rare tan stain.

5916-5930' Sandstone 80%, fine grained (177 micron) with fair to good porosity, 80% show as above.

Gas Increase 500/2500/480 GU

5940-5952' Sandstone 80% white, fine grained (177-250 micron), well sorted, minor chert, rare glauconite, fair to good clay filled porosity, 10% with faint bluish yellow fluorescence, poor crush cut, rare stain. (not a strong show).

6000-6040' Siltstone, dark greyish brown, coaly, and Sandstone 60% very fine grained (88-125 micron), calcareous, poor porosity, common carbon partings, no show. Occasional bentonite.

6040-6050' Coal

Sandy section. Shows appear to be dominated by heavier (paraffinic crude/condensate).

Gas Increase: 500/1100/500

6120-6138' Sandstone 70%, white to light grey, fine grained (125-177 micron) well sorted, SA, minor chert, fair to well cemented, slightly calcareous, good to fair porosity, 60% with good bright bluish yellow fluorescence, slow streaming cut, moderate even to spotty tan stain.

6140-6160' Sandstone, light grey, fine grained (88-125 micron) mostly no show and poor porosity, up to 20% faint pore filling fluorescence.

6160-70' Sandstone 2%, tan to light grey, fine grained (125 micron) well sorted, minor chert, poor to fair porosity, 10% with fair light bluish yellow fluorescence, poor milky cut, no stain, and Siltstone 60%, dark brownish grey, slightly calcareous.

6184-6187' Coal

Drilling Break: 4.0 / 1.5 / 4.0 mpf, Background gas: 400 GU, no increase.

6200-6210' Sandstone 80%, white, fine grained (125-177 micron) minor chert, no glauconite, fair cement, slightly calcareous, fair to good porosity, moderate clay filling, 30% with good bright pore filling fluorescence, poor milky cut, minor light brown stain.

Drilling Break: 4.0 / 2.0 / 4.0 mpf, Background gas: 350 no increase.

6252-6260' Sandstone 90%, white, fine grained (177-250 micron) coarser than above, SA-SR, fair to well cemented, slightly calcareous, fair to good porosity (14% visual estimate), moderate clay filling, 60% very faint light blue fluorescence (probably from clay), 10% with spotty yellow fluorescence, no cut no stain. The better fluorescence is in the tighter rock.

6260-6340' Sandstone 40%, white to light grey, very fine grained (88-125 micron) slightly calcareous, poor porosity, rare spotty yellow fluorescence.

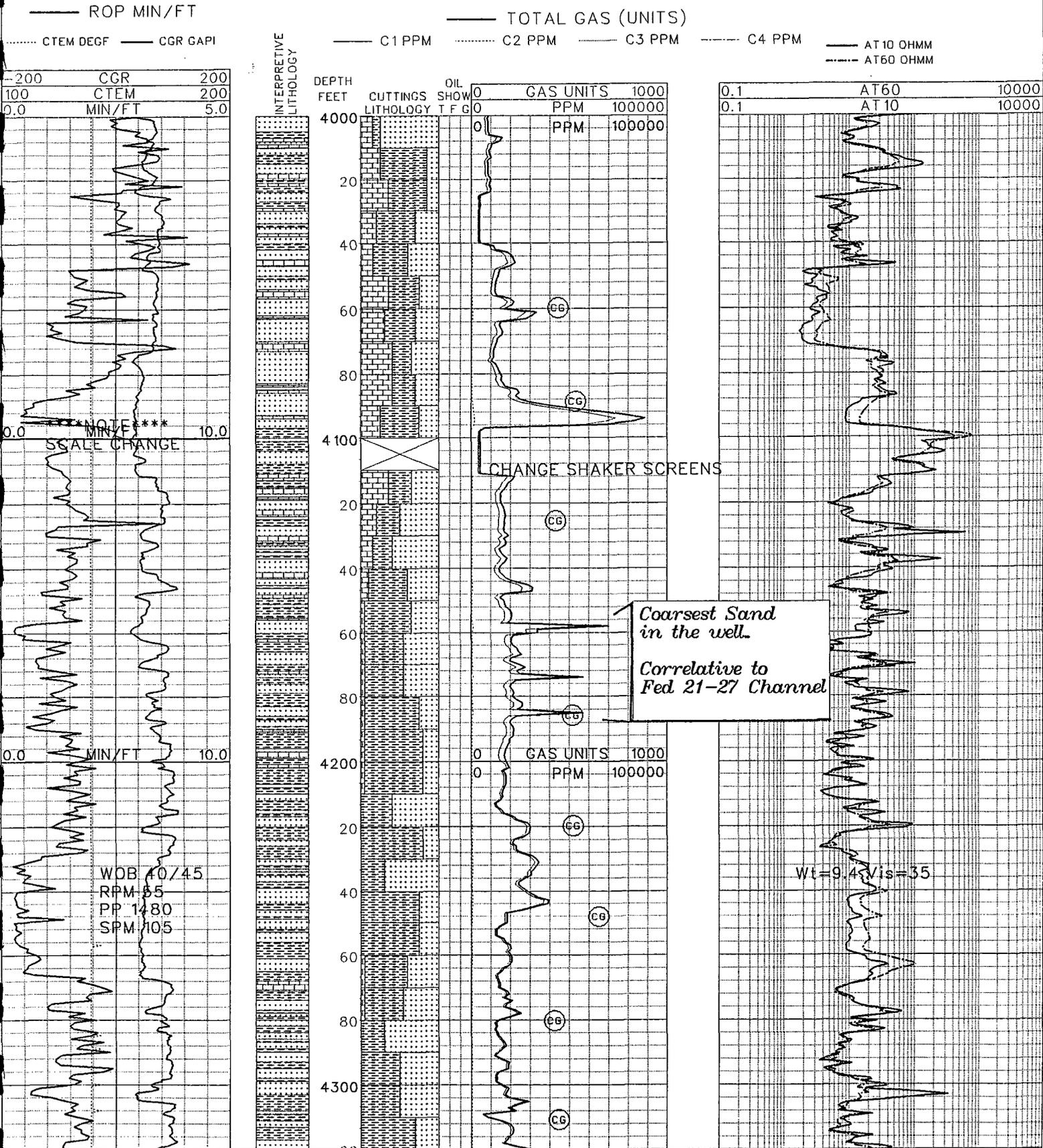
Gas Increase: 400/1250/500 GU MW 9.5

6352-6370' Sandstone 80%, very fine grained (88-125 micron) well sorted, minor chert, rare glauconite, fair to well cemented, slightly calcareous, poor to fair porosity, 60% with light bluish yellow to spotty pore filling fluorescence, no cut to occasional milky cut, trace spotty brown stain. Gas was from top of break and it was not a great break.

6375-6385' Sandstone 80%, very fine grained (88-125 micron) with poor to fair porosity, 40% bright bluish yellow pore filling fluorescence, poor milky ring cut, rare stain.

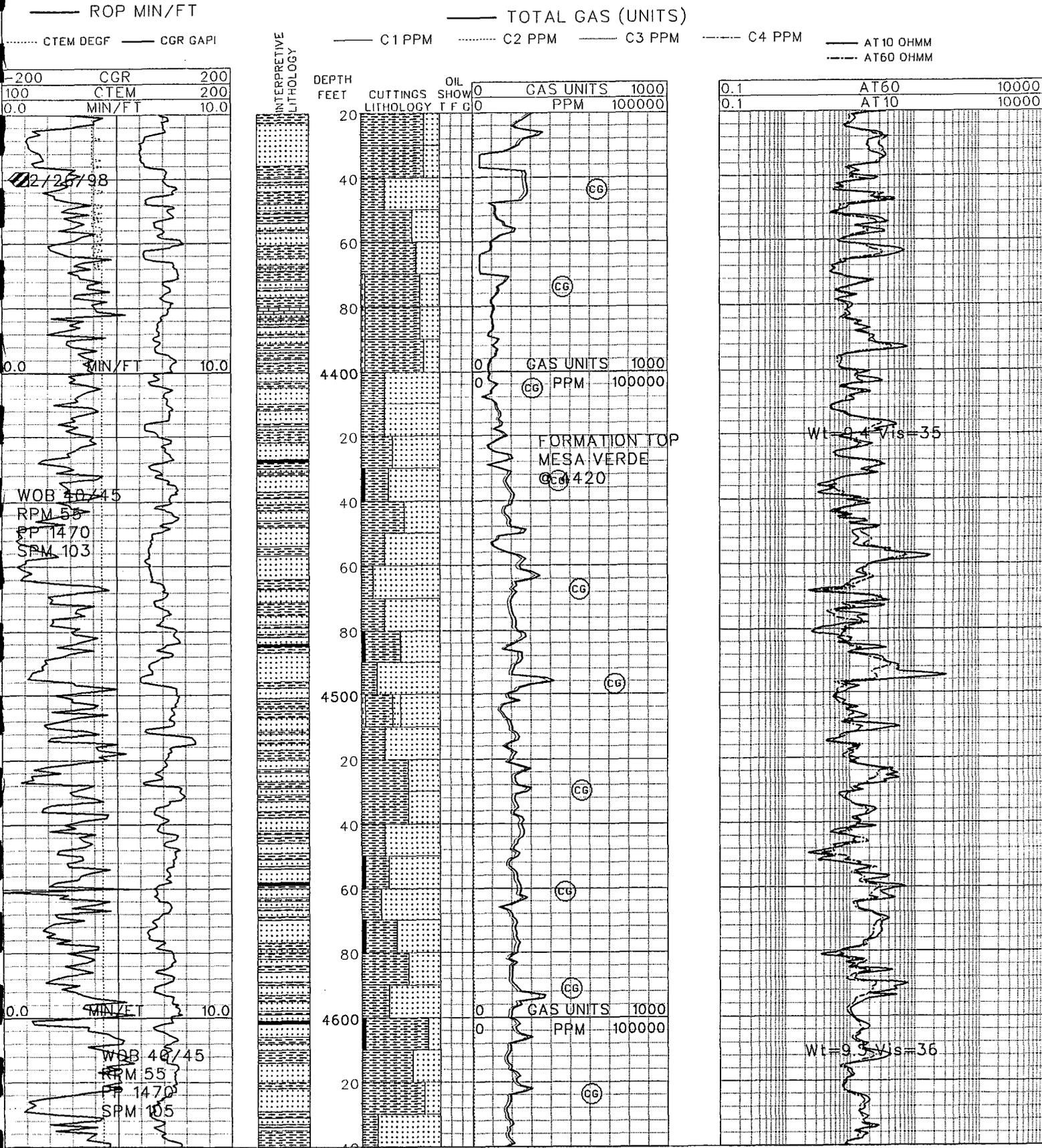
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 08:57:10

LOCATION: NWNE 34, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



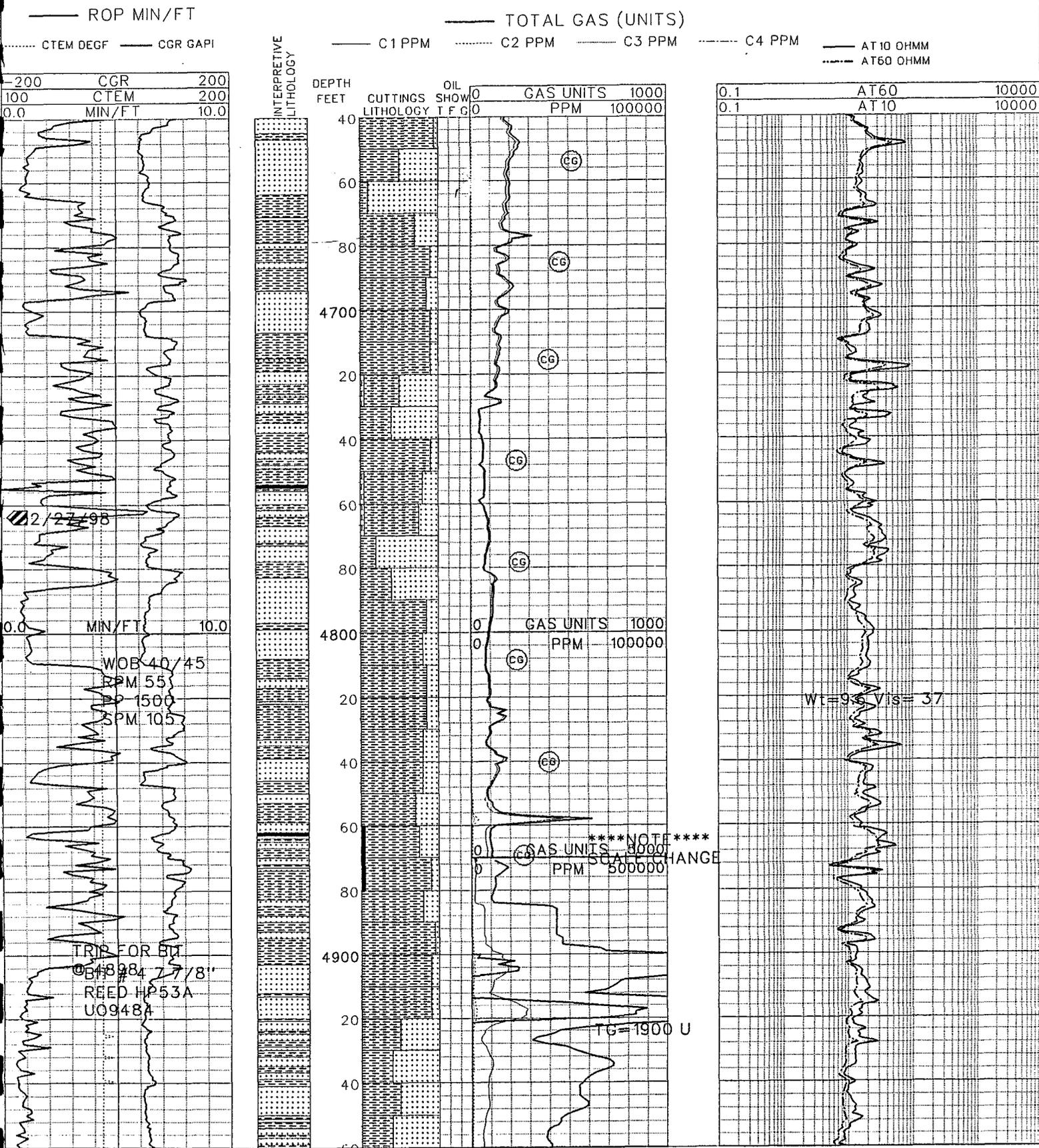
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 08:57:40

LOCATION: N44, T10S, R24E
COUNTY: Uintah
STATE: UTAH



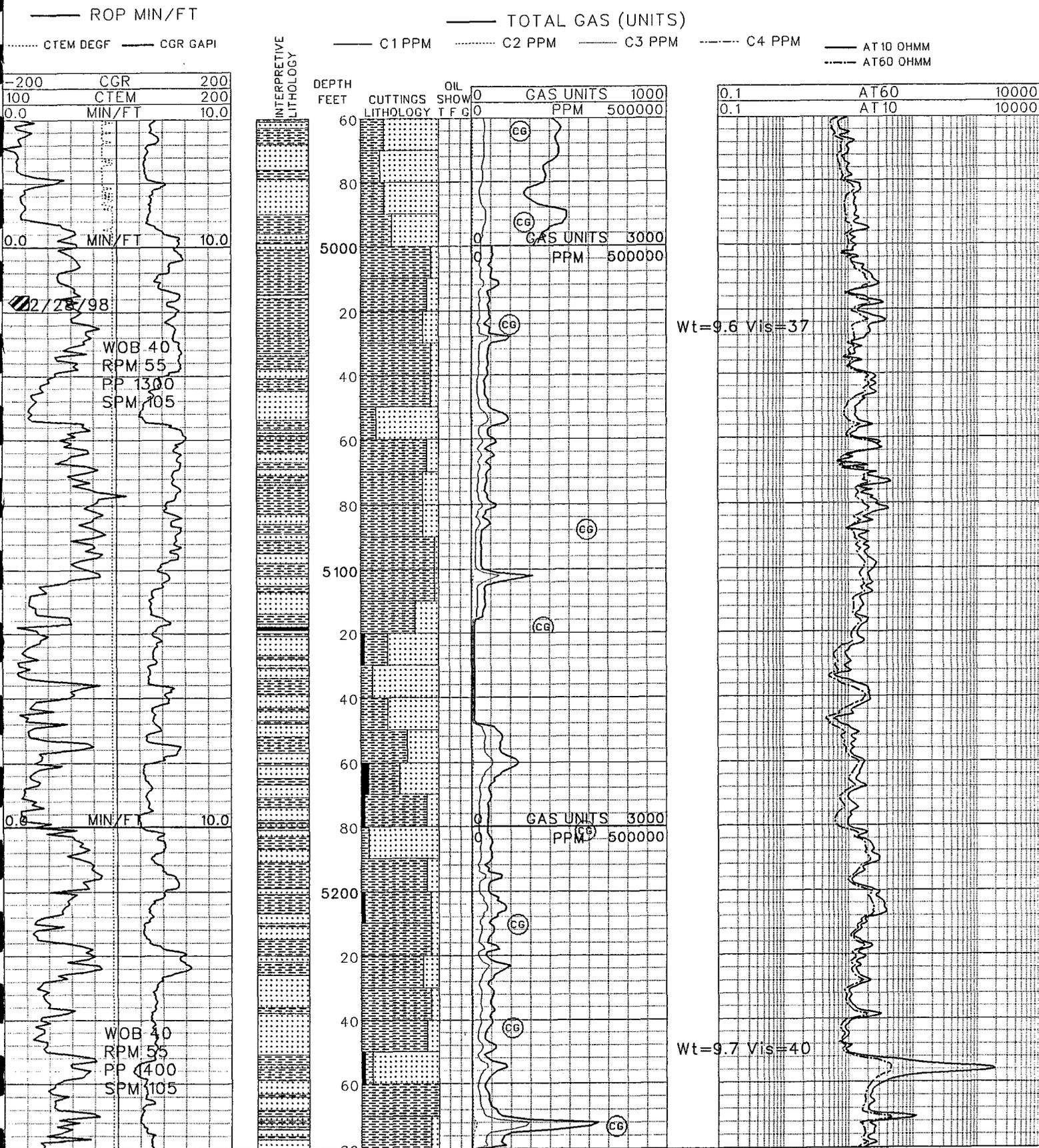
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 08:58:20

LOCATION: N44, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



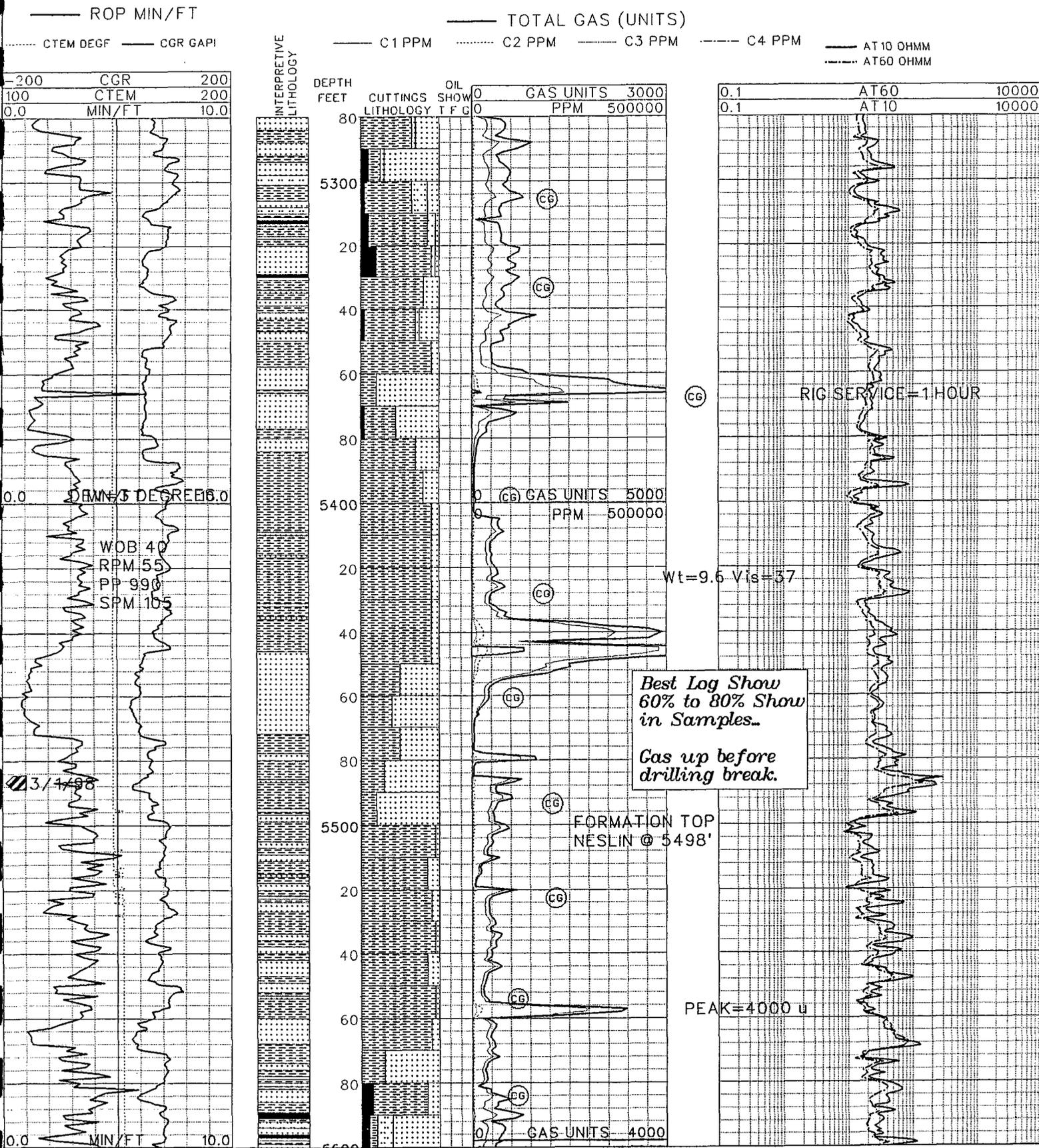
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 08:58:50

LOCATION: N44, T10S, R24E
COUNTY: Uintah
STATE: UTAH



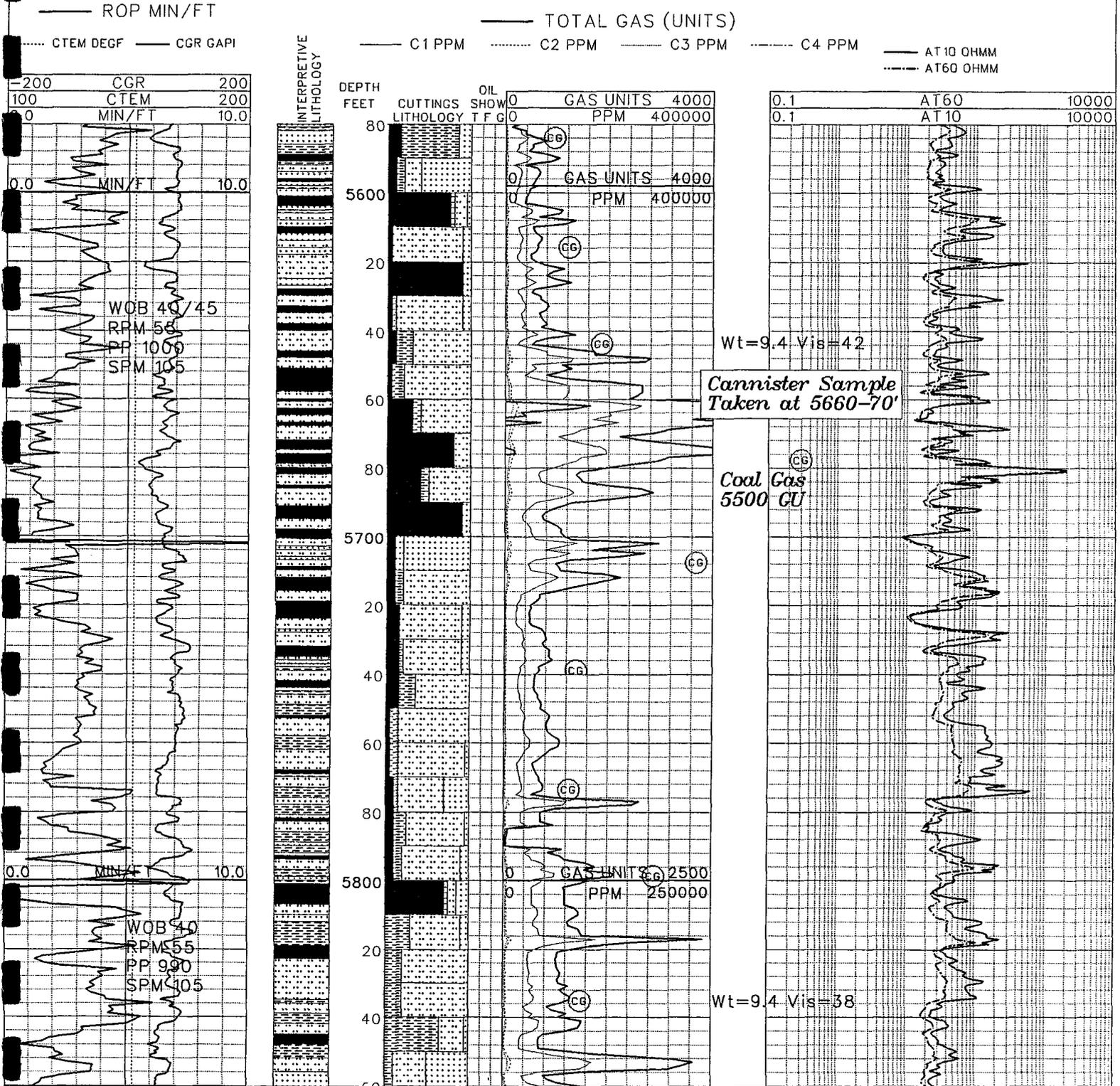
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 08:59:20

LOCATION: N4, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



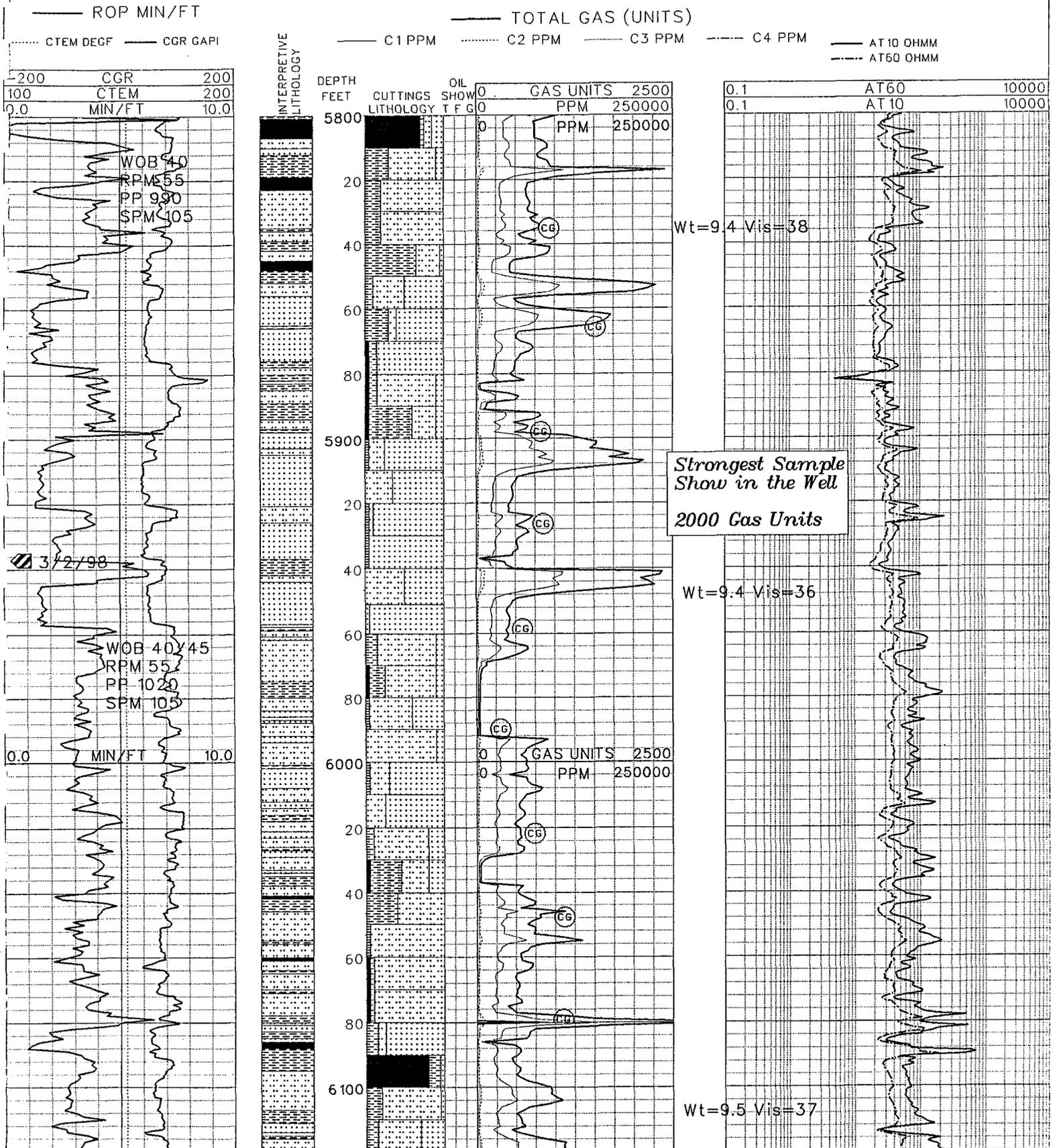
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 12:08:00

LOCATION: NWE 34, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



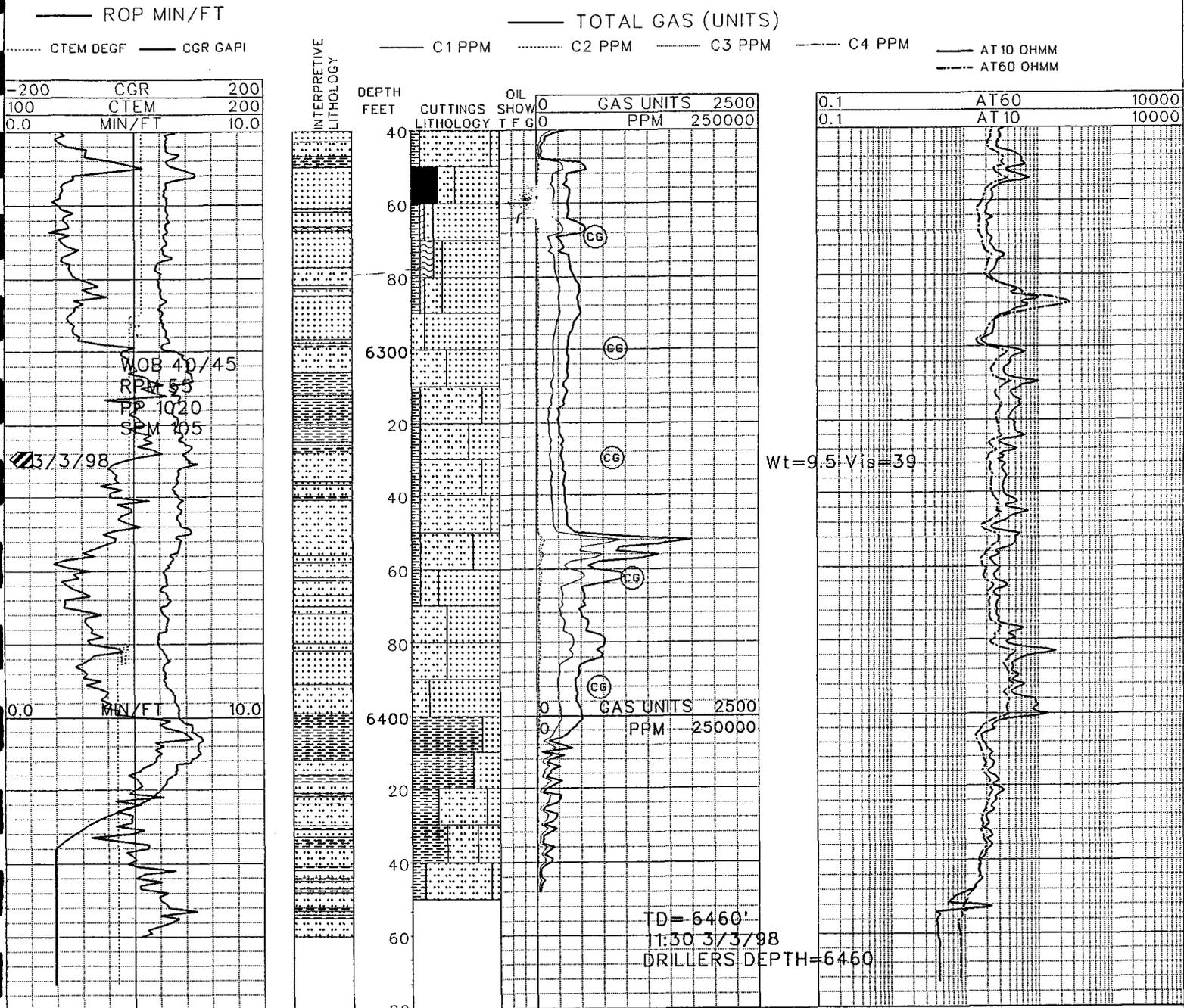
OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 09:10:50

LOCATION: NWNE 54, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



OPERATOR: LONE MOUNTAIN PRODUCTION CO.
WELL: BLACK DRAGON 31-34
PRINT DATE: Thu Apr 09 1998 09:01:10

LOCATION: NWNE 34, T10S, R24E
COUNTY: UINTAH
STATE: UTAH



SUBMIT IN
TRIPPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires: March 31, 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
UTU-66422

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

6. IF INDIAN, ALLOTEE OR TRIBE NAME

SUBMIT IN TRIPPLICATE

7. IF UNIT OR CA, AGREEMENT DESIGNATION
UTU76780X

b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

8. WELL NAME and No.
Black Dragon Unit #31-34

2. NAME OF OPERATOR

Lone Mountain Production Company

9. API WELL NO.
43-047-33019

3. ADDRESS OF OPERATOR

P. O. Box 3394, Billings, Montana 59103 (406) 245-5077

10. Field and Pool, or Exploratory Area
Rainbow

4. LOCATION OF WELL (Footage, Sec, T., R., M., or Survey Description)

1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)

11. County or Parish, State
Uintah County, Utah

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

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

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Initial production of the Black Dragon Unit #31-34 began at 8:00 a.m., 8/14/98.

Initial 1540 psi SITP, 1650 psi SICP. Initial rate 310 MCFD.

Joe Dyk of Lone Mountain Production Company notified Ed Forsman at the BLM office in Vernal, Utah by voice mail on 8/14/98.

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

Signed: James R. Parter

Title: **President**

Date: **August 27, 1998**

(This space for Federal or State office use)

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

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

*See Instructions of Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

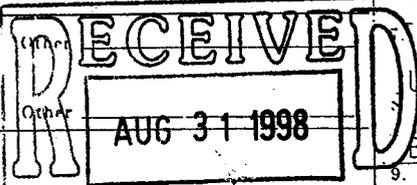
(See instructions on
reverse side)

LEASE DESIGNATION AND SERIAL NO.

UTU-66422

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *



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

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

2. NAME OF OPERATOR: Lone Mountain Production Company

3. ADDRESS OF OPERATOR: P. O. Box 3394, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1305' FNL, 1897' FEL, Section 34-T10S-R24E

At top prod. interval reported below same
At total depth same

14. PERMIT NO. 43-047-33019 DATE ISSUED 12/18/97

15. DATE SPUDDED 1/27/98 16. DATE T.D. REACHED 3/3/98 17. DATE COMPL. (Ready to prod.) 8/14/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5532' GL, 5545' KB 19. ELEV. CASINGHEAD 5534'

20. TOTAL DEPTH, MD & TVD 6460' 21. PLUG, BACK T.D., MD & TVD 5623' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mesaverde 5456'-5460', 5560'-5564'

25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond, Temperature, GR-compensated neutron-litho density, Array Induction, GR Spectrometry, Mud Log 3-9-98

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48# H-40	437'	17-1/2"	420 sx G, 2% CaCl ₂	none
9-5/8"	36# J-55	2006'	12-1/4"	600 sx + 2 yds redi-mix	none
4-1/2"	11.6# J-55	6455'	7-7/8"	800 sx, 10% gyp, 3% salt (top @ 3672')	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
none				2-3/8"	5494'	none

31. PERFORATION RECORD (Interval, size and number)

5670'-5680', 5 shots, .36" EHD
5560'-5564', 5 shots, .36" EHD
5456'-5460', 4 shots, .36" EHD

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5670'-5680'	16 bbls 1% KCl water
5456'-5564'	1000 gal 7 1/2% HCl
5456'-5564'	Fract w/ 63,000 #20-40 sand in 421 bbls X-linked borate fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 8/14/98 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flaring WELL STATUS (Producing or shut-in) producing

8/22 - 8/24/98 FLOW. TUBING PRESS. 218 CASING PRESSURE 484 CALCULATED 24-HOUR RATE 156 OIL—BBL. 0 GAS—MCF. 312 WATER—BBL. 19.92 OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED James Borth TITLE President DATE 8/27/98

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde	5670'	5680'	Tight coal	Green River	Surface	+5150'
Mesaverde	5456'	5460'	Tight gas	Mahogany Bench	395'	+2835'
Mesaverde	5560'	5564'	Tight gas	Uteland Butte	2710'	+2735'
Green River (Bird Nest)	622'		Severe lost circulation zone	Wasatch	2810'	
				Mesaverde	4420'	+1125'

CONFIDENTIAL

CONFIDENTIAL

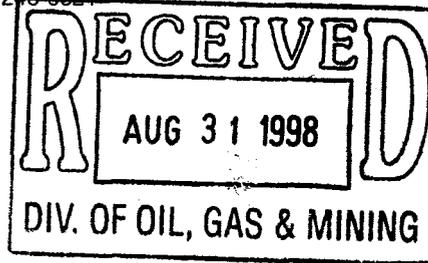
38. GEOLOGIC MARKERS

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101



August 27, 1998

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: SUNDRY NOTICE
BLACK DRAGON UNIT NO. 31-34 WELL
NWNE SECTION 34: T10S-R24E
UINTAH COUNTY, UTAH

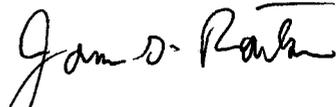
Gentlemen:

Enclosed is one Sundry Notice, in duplicate, notifying your office that first production of the referenced well began at 8:00 a.m. on August 14, 1998.

If you have any questions or need further information please call me at (406) 245-5077 or Joe Dyk at (970) 858-7546.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson
President

Enclosure

cc: Joe Dyk

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

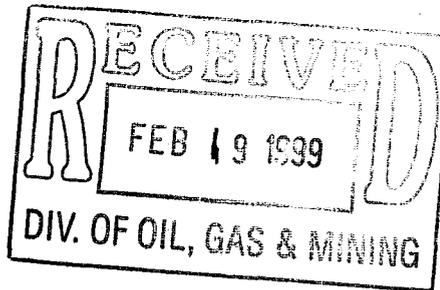
February 17, 1999

CONFIDENTIAL

State of Utah
Division of Oil, Gas & Mining
1594 W. Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Carol Daniels

RE: BLACK DRAGON UNIT NO. 31-34
NWNE SECTION 34: T10S-R24E
UINTAH COUNTY, UTAH



Dear Ms. Daniels:

Per your request, enclosed is one (1) Cement Bond Log and one (1) Temperature CCL Log for the referenced well.

Should you have any questions or need further information please contact Joe Dyk at our Loma, Colorado office. His phone number is (970) 858-7546.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY

Carolyn George
Land Department

Enclosures

cc: Joe Dyk

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

December 18, 2000

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Jimmie Thompson

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Mr. Thompson:

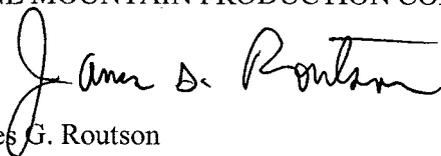
Please be advised Lone Mountain Production Company resigns as Operator of the attached list of wells in the referenced county, effective January 1, 2001.

All future correspondence should be directed to Dominion Exploration & Production Inc., 1450 Poydras Street, 8th Floor, New Orleans, Louisiana 70112-6000.

Should you have any questions or need further information, please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



James G. Routson
President

attachment

RECEIVED

DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

**RESIGNATION OF OPERATOR
LONE MOUNTAIN PRODUCTION COMPANY
UINTAH COUNTY, UTAH**

<u>Well Name</u>	<u>API No.</u>
Conoco State 32-2	43-047-30100
Antelope Federal 20-02	43-047-32680
Antelope Federal 1-29	43-047-32452
\Federal 12-11	43-047-32557
\Federal 21-27	43-047-32560
\Federal 22-22	43-047-32559
\Black Dragon 31-34	43-047-33019
\Federal 34-30	43-047-32558
\Federal 28-01	43-047-30098
\L. S. Federal 44-10	43-047-32681
\End of Rainbow 21-01	43-047-31897
State S 42-2	43-047-32940
State M 42-2	43-047-33169
State S 22-2	43-047-32845
State G 22-32	43-047-33129
State N 31-16	43-047-33175
State Q 44-16	43-047-33176
Federal L 44-31	43-047-33261
Federal K 12-22	43-047-33299
Federal H 41-28	43-047-33184
Federal Q 44-15	43-047-33187
Federal Q 24-22	43-047-33246
Federal Q 22-15	43-047-33248
Federal M 22-27	43-047-33253
Federal R 44-9	43-047-33192
Federal R 13-30	43-047-33188
Federal M 44-29	43-047-33260
Federal H 42-20	43-047-33170
Federal M 42-22	43-047-33258
Federal M 24-22	43-047-33255

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DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposal 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
DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address
16945 Northchase Drive, Suite 1750 Houston, TX 77060

3b. Phone No. (include area code)
(281) 873-3692

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

5. Lease Serial No.
Various

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
VARIOUS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH 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 <u>Change of</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Operator</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Dominion Exploration & Production, Inc. has assumed operation of multiple leases from Lone Mountain Production Company, effective January 1, 2001. Bond coverage is provided by Dominion's nationwide BLM Bond No. 76S 63050 0330. Field operations will be handled out of Dominion's Roosevelt office. The contact person will be Mitch Hall.

Dominion will assume responsibility under the terms and conditions of each lease for the operations conducted upon lease lands. The lease designation and serial numbers that are now operated by Dominion are as follows:
 UTU-65356; UTU-75098; UTU-66421; UTU-73440; UTU-66409; UTU-73908; UTU-65359; UTU-74480; UTU-66425; UTU-66422; U-66410; U-016257; U-54224 and UTU-69430.

RECEIVED
CONFIDENTIAL FEB 22 2001
 DIVISION OF
 OIL, GAS AND MINING

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

Title **REGULATORY SPECIALIST**

Signature *Diann Flowers* Date **02/17/2001**

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 _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

February 26, 2001

Dominion Expl. & Prod., Inc.
16945 N Chase Dr., Ste. 1750
Houston, Texas 77060

Re: Well No. Black Dragon 31-34
NWNE, Sec. 34, T10S, R24E
Lease No. U-66422
Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Dominion Expl. & Prod., Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY3322, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Crinklaw or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Edwin I. Forsman
Petroleum Engineer

cc: DOGM - Jim Thompson
Yates Petroleum Corp.

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MAR 01 2001

DIVISION OF
OIL, GAS AND MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

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		5. LEASE DESIGNATION AND SERIAL NO. UTU-66422
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTEE OR TRIBE NAME
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF UNIT OR CA, AGREEMENT DESIGNATION UTU76780X
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		8. WELL NAME and No. Black Dragon Unit #31-34
3. ADDRESS OF OPERATOR 1450 Poydras, 8th Floor, New Orleans, Louisiana 70112-6000		9. API WELL NO. 43-047-33019
4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) 1305' FNL, 1897' FEL Section 34-T10S-R24E (NWNE)		10. Field and Pool, or Exploratory Area Rainbow
		11. County or Parish, State Uintah County, 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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose of Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dominion Exploration & Production, Inc. has assumed operation of the above referenced well, effective January 1, 2001. The former operator was Lone Mountain Production Company.

Bond coverage is provided by Dominion's Nationwide Bond No. 76S630500330.

Field operations will be handled by the Roosevelt office. The contact person is Mitch Hall.

RECEIVED

MAR 01 2001

**DIVISION OF
OIL, GAS AND MINING
RECEIVED**

JAN 29 2001

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

Signed: *Donna J. Mullen* Title: Agent, Attorney-in-fact for DEPI Date: 12/20/00
Donna J. Mullen

(This space for Federal or State office use)

APPROVED BY: *Elvis J. Johnson* TITLE: Petroleum Engineer DATE: FEB 26 2001
CONDITIONS OF APPROVAL IF ANY

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5- STO ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **1/1/2001**

FROM: (Old Operator):
LONE MOUNTAIN PRODUCTION COMPANY
Address: P. O. BOX 3394
BILLINGS, MT 59103-3394
Phone: 1-(406)-245-5077
Account No. N7210

TO: (New Operator):
DOMINION EXPLORATION & PRODUCTION INC
Address: 1450 POYDRAS STREET 8TH FLOOR
NEW ORLEANS, LA 70112-6000
Phone: 1-(281)-873-3692
Account No. N1095

CA No.

Unit:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 28-01	43-047-30098	10095	28-08S-25E	FEDERAL	GW	S
FEDERAL 22-22	43-047-32559	11746	22-11S-23E	FEDERAL	GW	P
FEDERAL 34-30	43-047-32558	11747	30-11S-23E	FEDERAL	GW	S
FEDERAL 21-27	43-047-32560	11762	27-10S-24E	FEDERAL	GW	P
LANDING STRIP FEDERAL 44-10	43-047-32681	11853	27-10S-24E	FEDERAL	GW	P
BLACK DRAGON UNIT 31-34	43-047-33019	12280	34-10S-24E	FEDERAL	GW	P
END OF RAINBOW 21-01	43-047-31897	11223	21-11S-24E	FEDERAL	GW	S
FEDERAL 12-11	43-047-32557	11761	11-12S-24E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/26/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 02/22/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/01/2001
- Is the new operator registered in the State of Utah: YES Business Number: 852894-0143
- If **NO**, the operator was contacted on: N/A
- 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 02/26/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** 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: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/01/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/01/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 76S63050361

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
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

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3-16-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTRY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2696

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			
	A	99999	15727	43-047-33019	Federal 3-21-9-16	NENW	21	9S	16E	DUCHESNE	10/24/06	10/26/06

GRUV

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			
	A	99999	15728	43-013-33069	Federal 4-21-9-16	NWNW	21	9S	16E	DUCHESNE	10/25/06	10/26/06

GRUV

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			
	A	99999	15729	43-013-33020	Federal 5-21-9-16	SWNW	21	9S	16E	DUCHESNE	10/21/06	10/26/06

GRUV

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			
	A	99999	15730	43-013-33021	Federal 6-21-9-16	SEWY	21	9S	16E	DUCHESNE	10/22/06	10/26/06

GRUV

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			

REMARKS:

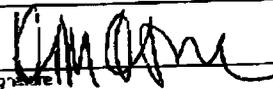
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QD	SC	TP	RG	COUNTY			

REMARKS:

- 1. See instructions on back of form.
- 2. Assign entry to correct (single well) or unit well.
- 3. Assign entry to existing entry group or unit well.
- 4. Assign entry to new entry group, to existing entry group, or to existing entry.
- 5. Assign entry to new entry group, to existing entry group, or to existing entry.
- 6. Assign entry to new entry group, to existing entry group, or to existing entry.

RECEIVED
OCT 25 2006

DIV. OF OIL, GAS & MINING


Signature: Kim Kettle
Title: Production Analyst
Date: October 25, 2006

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

FROM: (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Phone: 1 (405) 749-1300	TO: (New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102 Phone: 1 (817) 870-2800
--	--

CA No.		Unit:						
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- 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 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on:
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- 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:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
 - Indian well(s) covered by Bond Number: n/a
 - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
 - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** 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:

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		8. WELL NAME and NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		9. API NUMBER: SEE ATTACHED
PHONE NUMBER: (817) 870-2800		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" 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 type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc. *N1095*
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

James D. Abercrombie (405) 749-1300
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S	060E	UTU-77263	99999	Federal	GW	DRL	
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P	
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156	8005	Federal	GW	P	
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713	11502	Federal	GW	S	
4304731818	WILLOW CREEK UNIT 2	SESW	05	110S	200E	U-39223	11604	Federal	GW	TA	
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156	11106	Federal	GW	P	
4304731879	EVANS FED 41-26	NENE	26	100S	190E	U-43156	11034	Federal	GW	P	
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405	11080	Indian	GW	P	
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224	11223	Federal	GW	S	
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405	11185	Federal	GW	S	
4304732094	RBU 13-35B	SWSW	35	090S	190E	U-017713	7058	Federal	GW	S	
4304732222	RBU 15-35B	SWSE	35	090S	190E	U-017713	11365	Federal	GW	S	
4304732237	FEDERAL 13-26B	SWSW	26	090S	190E	UTU-68625	11370	Federal	GW	S	
4304732394	EVANS FED 12-25A	SWNW	25	100S	190E	U-43156	11451	Federal	GW	P	
4304732395	EVANS FED 32-26	SWNE	26	100S	190E	U-43156	11447	Federal	GW	P	
4304732515	WHB 1-25E	NENE	25	100S	190E	U-73011	11720	Federal	GW	P	
4304732557	FEDERAL 12-11	SWNW	11	120S	240E	UTU-66425	11761	Federal	GW	S	
4304732558	FEDERAL 34-30	SWSE	30	110S	230E	UTU-66410	11747	Federal	GW	S	
4304732559	FEDERAL 22-22	SENW	22	110S	230E	UTU-66409	11746	Federal	GW	P	
4304732560	FEDERAL 21-27	NENW	27	100S	240E	UTU-66422	11762	Federal	GW	P	
4304732600	RBU 1-21EO	NENE	21	100S	190E	U-013766	11783	Federal	OW	S	
4304732681	LANDING STRIP FEDERAL 44-10	SESE	10	120S	240E	UTU-69430	11853	Federal	GW	S	
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34	100S	240E	UTU-66422	12280	Federal	GW	P	
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098	13107	Federal	GW	P	
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098	13133	Federal	GW	P	
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P	
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405	12749	Federal	GW	P	
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405	12927	Federal	GW	P	
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P	
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P	
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P	
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P	
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P	
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P	
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P	
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P	
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P	
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P	
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P	
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P	
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P	
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P	
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P	
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983	Federal	GW	P	
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P	
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058	Federal	GW	P	
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040	16249	Federal	GW	DRL	
4304739064	UTE TRIBAL 2-11H	NENW	11	110S	200E	14-20-H62-5611	16072	Indian	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36	100S	190E	ML-42175	11186	State	GW	P	
4304731784	STATE 12-36E	NWSW	36	100S	190E	ML-42175	99998	State	GW	LA	
4304732019	STATE 11-36E	NESW	36	100S	190E	ML-42175	11232	State	GW	P	
4304732224	STATE 5-36B	SWNW	36	090S	190E	ML-45173	11363	State	GW	PA	
4304732249	STATE 9-36B	NESE	36	090S	190E	ML-45173	11372	State	GW	PA	
4304732316	RBU 12-2F	NWSW	02	100S	200E	ML-10716	99998	State	GW	LA	
4304732404	STATE 2-36E	NWNE	36	100S	190E	ML-42175	99998	State	GW	LA	
4304732405	STATE 9-36E	NESE	36	100S	190E	ML-42175	99998	State	GW	LA	
4304732845	H R STATE S 22-2	SENW	02	120S	230E	ML-42215		State	GW	LA	
4304732870	H R STATE S 24-2	SESW	02	120S	230E	ML-42215		State	GW	LA	
4304732940	H R STATE S 42-2	SENE	02	120S	230E	ML-42215	13175	State	D	PA	
4304732979	STATE 2-36E	NWNE	36	100S	190E	ML-42175	12390	State	GW	P	
4304733129	STATE G 22-32	SENW	32	100S	230E	ML-47063		State	GW	LA	
4304733130	H R STATE S 44-2	SESE	02	120S	230E	ML-42215		State	GW	LA	
4304733169	STATE M 42-2	SENE	02	110S	230E	ML-47078		State	GW	LA	
4304733173	STATE M 23-2	NESW	02	110S	230E	ML-47078		State	GW	LA	
4304733174	STATE M 44-2	SESE	02	110S	230E	ML-47078		State	GW	LA	
4304733175	STATE N 31-16	NWNE	16	110S	240E	ML-47080		State	GW	LA	
4304733176	STATE Q 44-16	SESE	16	120S	210E	ML-47085	13134	State	D	PA	
4304733181	STATE 1-36E	NENE	36	100S	190E	ML-42175	12539	State	GW	P	
4304733738	STATE 1-2D	NENE	02	100S	180E	ML-26968		State	GW	LA	
4304733740	STATE 9-2D	NESE	02	100S	180E	ML-13215-A		State	GW	LA	
4304733837	STATE 7-36E	SWNE	36	100S	190E	ML-42175	13186	State	GW	P	
4304734012	CLIFFS 15-21L	SWSE	21	110S	250E	FEE		Fee	GW	LA	
4304734123	STATE 15-36E	SWSE	36	100S	190E	ML-42175	13784	State	GW	P	
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760	State	GW	P	
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753	State	GW	P	
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785	State	GW	P	
4304734285	STATE 6-36E	SENW	36	100S	190E	ML-42175	13370	State	GW	P	
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P	
4304735612	WHB 14-36E	SESW	36	100S	190E	ML-42175	14759	State	GW	P	
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P	
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P	
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P	
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P	
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S	
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P	
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P	
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA	
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P	
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL	
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P	
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P	
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL	
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34	
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047330190000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/4/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
XTO Energy Inc. has returned this well to production @ 1130 hours on Wednesday, 5/4/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 5/9/2011	

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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S		9. API NUMBER: 43047330190000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: UINTAH
STATE: UTAH		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/30/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: AMENDED SUNDRY	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. previously incorrectly reported this well was returned to production @ 1130 hours on Wednesday, 5/04/2011. Please change your records to reflect that this well was returned to production on 3/30/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 6/1/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422
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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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34
-----------------------------	---

2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047330190000
--	----------------------------------

3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
---	-----------------------------------	---

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/28/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. intends to plug & abandon this well per the attached procedure. Please see also attached, a current wellbore diagram.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 08, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 9/13/2013	

BDU 31-34: P&A

AFE: 1307319

HJF _____
RP _____
JB _____

Black Dragon Unit 31-34
P&A
Uintah County, Utah
API# 43-047-33019
Section 34, T10S, R24E

ELEVATION: GL – 5,532' TD – 6,460'
KB – 5,545' PBTB – 5,623'

WELL DATA:

Current Status: Shut-in (*Inactivated as of 12/7/11*) HIC with fluid at surface.

Conductor: 13-3/8", 48#, H-40, ST&C. SET @ 437'
CMT: 420 sx G, 2% CaCL₂

Surface Casing: 9-5/8", 36# J-55, ST&C. SET @ 2,006'
CMT: 600 sx + 2 yds redi-mix

Production Casing: 4-1/2", 11.6#, J-55, LT&C. SET @ 6,455'
ID = 4.000", Drift = 3.875", 0.0155 bb/ft, 0.0872 ft3/ft
CMT: 800 sx, 10% gyp, 3% salt, TOC @ 3,672'

Tubing/BHA: 2-3/8" 4.7#, J-55 EUE 8RD TBG. EOT @ 5,494'

Workstring: 2-3/8", 9.3# P-110

Logs: CBL, Gamma Ray, CCL (*dated 7/3/98*)

Perforations: **Active Mesaverde Perfs:** 5,456'-5,460' & 5,560'-5,564'
MV Top: 4,420'

OBJECTIVE: Permanently plug & abandon
Remediate well location

BDU 31-34: P&A

AFE: 1307319

WELL HISTORY:**SPUD:** 1/27/1998 by White River Resources**Completed:** 8/14/1998 by Lone Mountain Production Company**First Sales:** 8/14/1998 with 312 MCF, 0 BOPD and 20 BWPD**COMPLETION DETAILS:**

TOP	BTM	SPF	HOLES	PERF'D	FRAC'D	FORMATION
5456	5460	1	4	8/7/1998	YES: 63,000# 20/40 (8/11/98) down 2-3/8" tbg @ 10.6 BPM	Mesaverde
5560	5564	1	5			Mesaverde
5670	5680	0.5	5	8/5/1998	NO: CIBP @ 5,650' (8/7/98)	Mesaverde

LOCATION DETAILS:

The Black Dragon 31-34 is located 10 miles south of Bonanza.

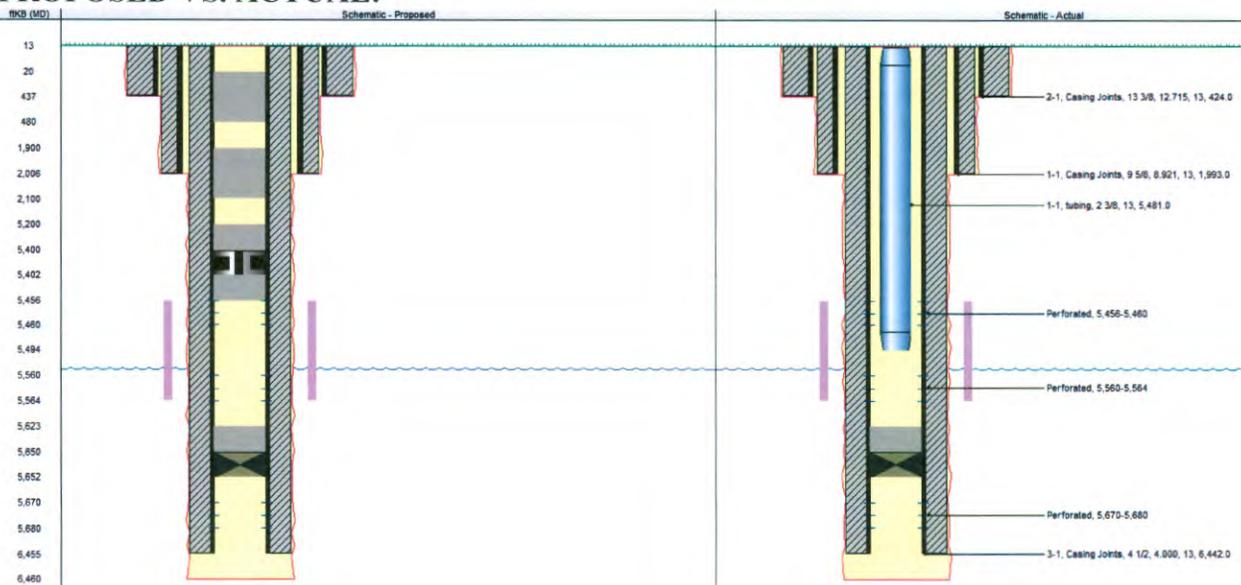
RECOMMENDED PROCEDURE:

1. Remove all surface equipment. Coordinate efforts with Federal 21-27 and Federal 22-22 tank replacements to reduce mobilization costs.
2. MIRU workover rig. ND WH. NU BOP.
3. TOH with 2-3/8" tbg. Round trip bit and scraper.
4. TIH with CICR. Set @ **5,400'**(do not set in collar). Run CBL.
5. Sting workstring into CICR, mix and spot 50 sx of 15.8 ppg, Class G, 1.15 yield cement (50% excess, 10 bbl) 6 bbl below retainer and 4 bbl above retainer (**200'**). Top perforation is at 5,456'.
6. Tag and pressure test plug to verify top of cement and casing integrity.
7. If pressure doesn't hold, TIH with test pkr on 2-3/8" WS to ~10' above tagged depth. Set pkr. Pressure test inside tbg/below pkr to 1,000 psi for 15". Monitor for leak.
8. If pressure test fails above pkr, unseat pkr, and pull up hole to 4,500'. Set pkr. Pressure test above and below to chase leak.
9. Continue to chase leak until isolated to 15'. Unseat pkr. TOH and LD pkr.
10. Once leak is located, mix – sx of 15.8 ppg, Class G, 1.15 yield cmt. TIH w/ 2-3/8" WS and CICR. Set CICR 15'-30' above leak. Pump – bbl cement design and flush with fresh water to clean pipe. Pull uphole 15-20 joints, and wait on cement to set. Tag TOC.

BDU 31-34: P&A

AFE: 1307319

11. Pull up to 2,000', mix 35 sx of 15.8 ppg, Class G, 1.15 yield, (50% excess, 7 bbl), slurry and set a **200'** balance plug inside production casing FR/1,900'-2,100'. Tag TOC.
12. Pull up to 437', mix 45 sx of cement 15.8 ppg, Class G, 1.15 yield (8 bbl), and spot a **517'** balanced plug inside production casing FR/20'-537'.
13. Remove WH and cut off pipe **3' below** surface. Top out as necessary.
14. RDMO workover rig. Clean up location.

PROPOSED VS. ACTUAL:**REGULATORY:**

Notify the BLM a minimum of 48 hrs prior to Plug and Abandonment operations
State of Utah

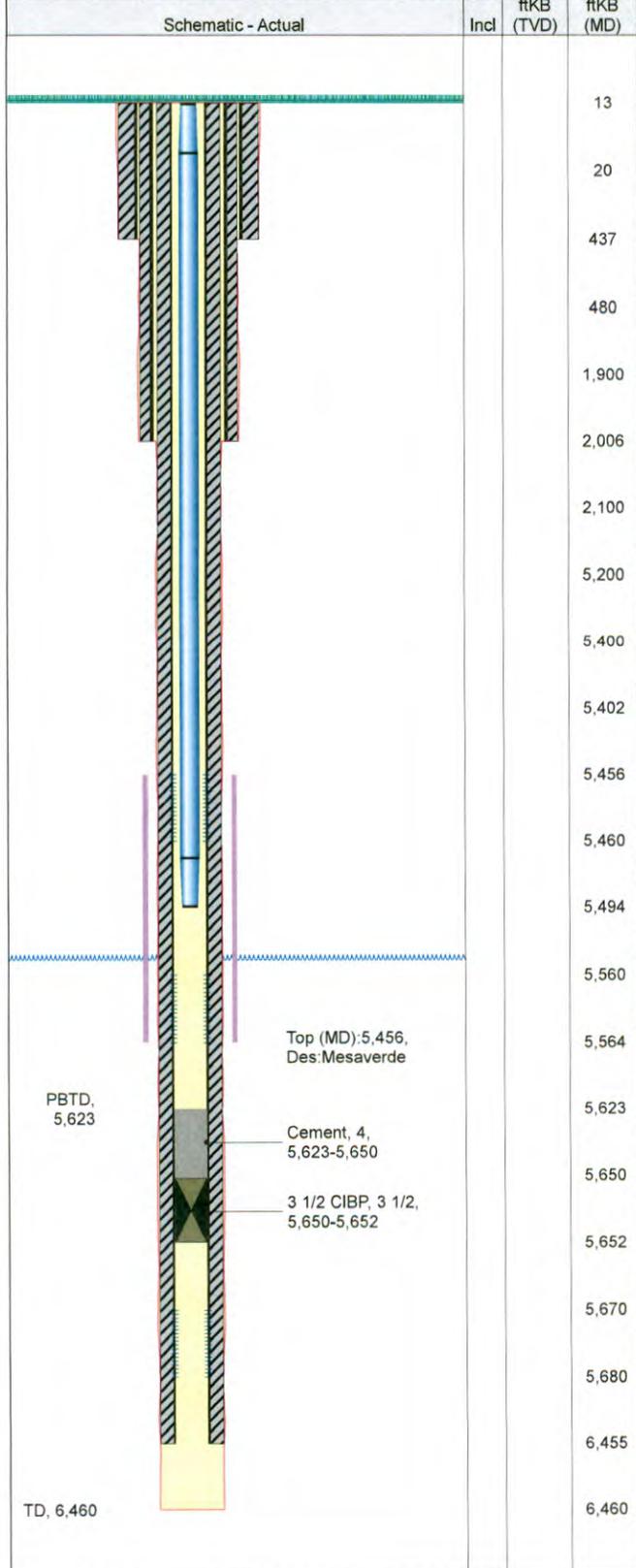


XTO - Wellbore Diagram

Well Name: Black Dragon Unit 31-34

API/UW	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
43047330190000	1,897.0	FEL	1,305.0	FNL	T10S-R24E-S34	Natural Buttes	Uintah	Utah
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	162239	5,545.00	5,532.00	13.00	1/27/1998	Original Hole - 5623.0	6,460.0	Plunger Lift

Well Config: Vertical - Original Hole, 9/13/2013 8:51:07 AM



Zones		Top (ftKB)		Btm (ftKB)					
Mesaverde		5,456.0		5,680.0					
Casing Strings									
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
13 Conductor	13 3/8	48.00	H-40		437.0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
20 Surface	9 5/8	36.00	J-55		2,006.0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
437 Production	4 1/2	11.60	J-55		6,455.0				
Cement									
Description	Type	String							
480 Production Casing Cement	casing	Production, 6,455.0ftKB							
Comment									
Description	Type	String							
1,900 Surface Casing Cement	casing	Surface, 2,006.0ftKB							
Comment									
Description	Type	String							
2,006 Conductor Casing Cement	casing	Conductor, 437.0ftKB							
Comment									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr... Status	Zone		
	5,456.0	5,460.0	1.0				Mesaverde		
	5,560.0	5,564.0	1.0				Mesaverde		
	5,670.0	5,680.0	0.5				Mesaverde		
Tubing Strings									
Tubing Description	Run Date	Set Depth (ftKB)							
5,402									
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
5,460									
Rods									
Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)					
5,494									
Rod Components									
Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
5,560									
Stimulations & Treatments									
Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
5,564	5456	5564		63,000.0					
Comment									
5,623	IHS 297 Well Import								
	Test number: 001								
	Measurement: bbl lb								
5,650	Remarks: x-link borate								
Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
5,652									
Comment									
5,670	IHS 297 Well Import								
	Test number: 001								
	Measurement: gal								
	Remarks: acid:orig treatment								
5,680									
6,455									
6,460									

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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34	
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		9. API NUMBER: 43047330190000	
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S		COUNTY: UINTAH	
		STATE: UTAH	
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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/30/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>XTO Energy Inc. has plugged & abandoned this well per the attached summary report. Reclamation work will begin this spring.</p> <div style="text-align: right; margin-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 13, 2015</p> </div>			
NAME (PLEASE PRINT) Barbara Nicol		PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/8/2015	

Black Dragon Unit 31-34

12/21/2014: MIRU

12/22/2014: TOH w/170 jts 2-3/8" 4.7#, J-55, EUE tbg, SN, NC. MU & TIH w/3-3/4" bit, 4.5" scr, 168 jts tbg. EOT @ 5,441'. TOH w/ tbg, bit & scr. TIH w/5.5" CICR, 167 jts tbg. Set CICR @ 5,408'. PT surf lines 2,500 psig. MU & Ppd tbg, Tst tbg 1,000 psig, Gd tst. Stng in CICR. EIR of .5 bpm @ 650 psig. Stng out. PT 4.5" csg 500 psig, (no test). Mix & Ppd dwn tbg w/50 sks/10.5 bbls, @ 15.8 ppg, & 1.18 yld, Class B cmnt, Displace w/8 bbls TFW. Stng in CICR, Displace w/14 bbls TFW, (formation lock up 1,200 psig), Stng out CICR, Displace w/19.4 bbls ttl, leaving 22 sks/4.6 bbl below CICR, 28 sks/5.8 bbls above CICR, TOC @ 5,029'. TOH LD, 12 jts, SB 10 jts tbg, EOT @ 4,700'. MU & Ppd 4.5" csg 25 bbls TFW. (Reverse out)

12/23/2014: TIH w/6 jts 2-3/8" 4.7#, J-55, EUE tbg, Tgd TOC @ 4,893'. TOH w/tbg, CICR stngr, MU & TIH w/4.5" 32-A Tension pkr, Locate HIC @ 2,666'-3,600'. TOH w/ tbg, pkr. TIH w/5.5" CICR, 80 jts tbg. Set CICR @ 2,599'. PT surf lines 2,500 psig. Mix & Ppd dwn tbg w/146 sks/30 bbls, @ 15.8 ppg, & 1.18 yld, Class B cmnt, PU 1,100 psig, Displace w/7.7 bbls TFW. Stng out CICR, Displace w/9.4 bbls TFW, TOC in 4.5" csg @ 2,451', BOC in 4.5" csg @ 3,600', TOC in 4.5"x9-5/8" TCA @ 2,338'. TOH w/tbg & CICR stngr.

12/29/2014: MI WL. RIH w/logging tools. Tgd TOC in 4.5" csg @ 2,363'. Logged TOC in 4.5"x9-5/8" ann. @ 2,165'. LD logging tools, RIH w/3-1/8" HSC, shot perfs @ 2,050' w/3 spf, 120 phase, 10 grms, 26" pen. RD WL. MU & TIH w/4.5" CICR, 61 jts 2-3/8" 4.7#, J-55, EUE 8rnd tbg. Set CICR @ 1,985'. PT surf lines 2,500 psig. Brk circ. w/15 bbls TFW, Mix & Ppd dwn tbg w/93 sks/19.5 bbls, @ 15.8 ppg, & 1.18 yld, Class B cmnt, Displace w/5.3 bbls TFW. Stng out CICR, Displace w/6.9 bbls TFW, Spotting 5 sks/1 bbl, below CICR, 17 sks/3.5 bbl, in 4.5"x9-5/8" ann, 57 sks/11.9 bbl in 4.5"x9-5/8" ann, 14 sks/2.9 bbl on top CICR, TOC in 4.5" csg @ 1,776', BOC in 4.5" csg @ 2,050', EST TOC in 4.5"x9-5/8" @ 1,755'. TOH w/tbg & CICR stngr.

12/30/2014: MI WL. RIH w/3-1/8" HSC, shot perfs @ 300', w/3 spf, 120 phase, 10 grms, 21.46 pen, .34" Dia. RD WL. PT surf lines 2,500 psig. Brk circ. w/19 bbls, circ clean w/18 bbls TFW, Mix & Ppd dwn 4.5" csg w/114 sks/23.95 bbls, @ 15.8 ppg, & 1.18 yld, Class B cmnt, ND BOP, cut off WH, TOC @ 30', Mix & Ppd w/12 sks/2.5 bbls, @ 15.8 ppg, & 1.18 yld, Class B cmnt, TOC @ surface. Glade Rich w/BLM witnessed all plugs. Will weld marker plate at a later date.

=====Black Dragon Unit 31-34=====

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422	
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.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047330190000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	COUNTY: UINTAH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S	STATE: UTAH

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/27/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Weld P&A Marker"/>

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

1/27/2015: XTO Energy Inc. has welded P&A marker onto casing. GPS re-verification was made: 39.90912 and -109.19684

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 18, 2015

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/9/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66422	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well	
8. WELL NAME and NUMBER: BLACK DRAGON UNIT 31-34	
2. NAME OF OPERATOR: XTO ENERGY INC	
9. API NUMBER: 43047330190000	
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155 PHONE NUMBER: 303 397-3727 Ext	
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1305 FNL 1897 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 24.0E Meridian: S	
COUNTY: UINTAH	
STATE: UTAH	

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/3/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. has completed final reclamation of this well site per the following: 3/3/2015: Reseeded location. Seed was broadcast on moist soil with spotty snow cover. Seed mix as follows: Sand Dropseed Russain Wildrye Bluebunch wheatgrass Indian ricegrass Slender Wheatgrass Fourwing saltbrush Munroe Globemallow Perennial blueflax Black Sagebrush Basin Big Sagebrush Rubber Rabbitbrush

Accepted by the
Utah Division of
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