

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO. ML-47388	6. SURFACE: State
		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Cabot Oil and Gas Corporation		9. WELL NAME and NUMBER: Gusher 13-36-5-19	
3. ADDRESS OF OPERATOR: 600 17th st. Suite 900N CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 868-6612	10. FIELD AND POOL, OR WILDCAT: W-1336 Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 482' FSL & 692' FWL AT PROPOSED PRODUCING ZONE: Same as above		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 T5S 19E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 18.0 miles south of Vernal, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 482'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 2,500'	19. PROPOSED DEPTH: 9,900	20. BOND DESCRIPTION: 5809579	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,234' GR	22. APPROXIMATE DATE WORK WILL START: 9/30/2006	23. ESTIMATED DURATION: 30 Days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4	9 5/8 J-55 36#	1,000	Lite	140 sks	2.27 12.0 ppg
			Class G	270 sks	1.17 15.8 ppg
8 3/4	5 1/2 N-80 17#	9,900	Lite	450 sks	2.66 11.5 ppg
			Premium Lite	1,230 sks	1.76cf 13.5 ppg

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) William A. Ryan TITLE Agent
SIGNATURE *William A. Ryan* DATE 8/24/2006

(This space for State use only)

**Approved by the
Utah Division of
Oil, Gas and Mining**

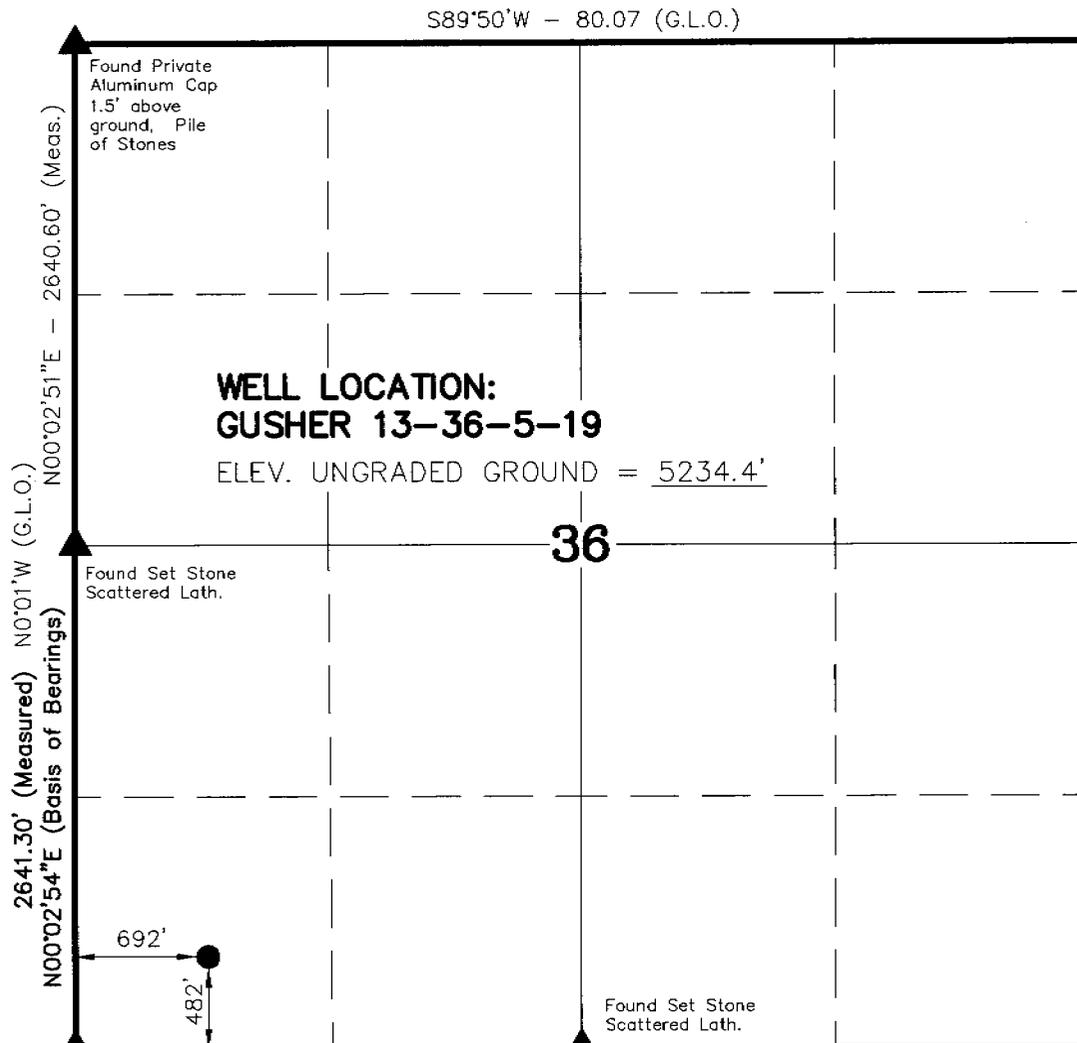
RECEIVED
AUG 29 2006

API NUMBER ASSIGNED: 43-047-35538

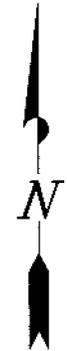
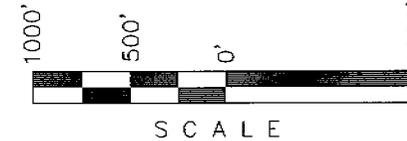
APPROVAL:
Date: 11-22-06
By: *[Signature]*

T5S, R19E, S.L.B.&M.

CABOT OIL AND GAS



WELL LOCATION, GUSHER 13-36-5-19, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 36, T5S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

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

KOLBY R.
REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

Found 1926 Brass Cap in pile of Stones.

▲ = SECTION CORNERS LOCATED
BASIS OF ELEVATION IS TRI-STA CANAL LOCATED IN THE NE 1/4 OF SECTION 11, T6S, R19E, S.L.B.&M. THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE VERNAL SW 7.5 MIN. QUADRANGLE AS BEING 5312'.

GUSHER 13-36-5-19
NAD 83 AUTONOMOUS
LATITUDE = 40° 19' 57.8"
LONGITUDE = 109° 44' 44.7"

TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 07-26-06	SURVEYED BY: M.S.B.	SHEET 2 OF 10
DATE DRAWN: 07-31-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		Date Last Revised:

Ten Point Plan

Cabot Oil & Gas Corporation

Gusher 13-36-5-19

Surface Location SW $\frac{1}{4}$ SW $\frac{1}{4}$,

Section 36, T. 5S., R. 19E.

1. **Surface Formation
Duchesne**

2. **Estimated Formation Tops and Datum:**

Formation		Depth	Datum
Duchesne		Surface	5,234' G.R.
Uinta	Oil/Gas	845'	4,389'
Green River	Oil/Gas	5,215'	19'
Mahogany OS	Oil	5,545'	-311'
Garden Gulch	Oil/Gas	7,475'	-2,241'
DC Marker		7,865'	-2,631'
Douglas Creek	Oil/Gas	8,290'	-3,056'
Wasatch		9,420'	-4,186'
TD		9,900'	-4,666'

A 12 1/4" hole will be drilled to 1,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest. All fresh water and oil and gas bearing zones shall be protected by casing and cement program.

3. **Producing Formation Depth:**

Formation objective includes the Green River, Wasatch, and their sub-members.

4. **Proposed Casing:**

Hole Size	Casing Size	Weight/FT	Grade	Coupling & Tread	Casing Depth	New/Used
12 1/4"	9 5/8"	36#	J-55	ST&C	1,000'	NEW
8 3/4"	5 1/2"	17#	N-80	LT&C	9,900'	NEW

Cement Program:

The Surface Casing will be cemented as follows from 0'- 1,000':

Cement volume = Gauge hole + 25%

Casing Size	Cement Type	Cement Amounts	Cement Yield	Cement Weight
Lead: 9 5/8"	Premium Lite	140 sks. +/-	2.27ft ³ /sk	12.0 ppg
Tail: 9 5/8"	Class "G"	270 sks. +/-	1.17ft ³ /sk	15.8 ppg

Production casing will be cemented as follows from 0'- 9,900:

Cement volume = Gauge hole + 25%

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	5 ½	Premium Lite	450 sks +/-	2.66ft ³ /sk	11.5 ppg
Tail:	5 ½	Premium Lite HS	1,230 sks. +/-	1.76ft ³ /sk	13.5 ppg

5. BOP and Pressure Containment Data:

A 5000-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. An upper kelly cock to the required pressure rating with a handle available shall be employed.

The BOP system including the casing will be pressure tested to 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./OT.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-800'	Air/Clear Water	-----	No Control	Water/Gel
800'-T.D.	8.4-10.0	30-45	8-10	LSND water based mud system

Note: Mud weights may exceed 10.0 due to solids increasing at or near T.D. Increased weights are not required to control formation pressure. Operator will have on location sufficient mud and weight material to increase mud weight to 10.0 at any time while drilling the subject well. Visual mud monitoring incorporating pit level indicators shall be used.

7. Testing, Coring, Sampling and Logging:

- a) DST: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Mud Sampling: Every 10' from 800' to T.D.

d) Logging:	Type	Interval
	FDC/CNL, DIL, GR	TD - 800'
	DIL, GR	800' - Surface

8. Abnormalities (including sour gas)

Anticipated bottom hole pressure will be less than 5000 psi. No abnormal pressures, temperatures or other hazards are anticipated. Other wells drilled in the area have not encountered over pressured zones or H2S.

9. Other facets of the proposed operation:

Off set well information

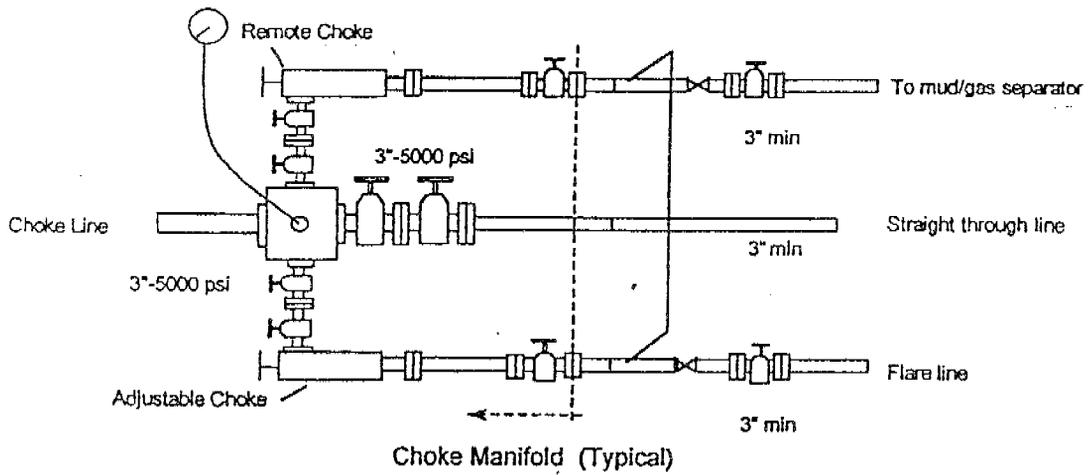
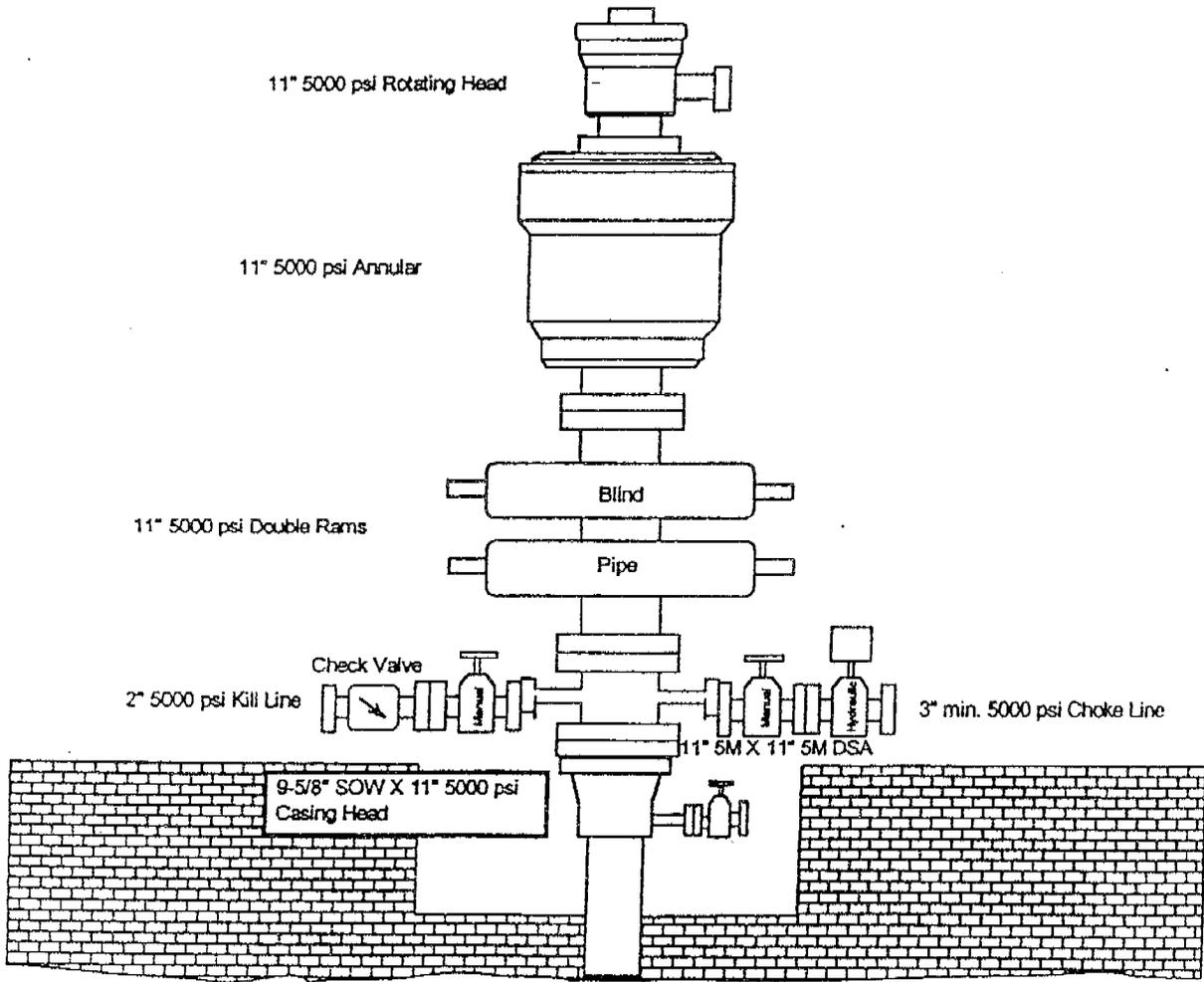
Abandoned Wells:

- Federal 44x-35
- Monada Govt 3
- Triumph Federal 1
- Monada State 1
- Monada State 2
- Ouray Federal 1

10. Drilling Schedule:

The anticipated starting date is 9/30/2006. Duration of operations is expected to be 30 days.

BOPE Diagram 5000 psi WP



CABOT OIL AND GAS
13 POINT SURFACE USE PLAN
FOR WELL
GUSHER 13-36-5-19
LOCATED IN SW ¼ SW ¼
SECTION 36, T.5S, R19E, S.L.B.&M.
UINTAH COUNTY, UTAH
LEASE NUMBER: ML-47388
SURFACE OWNERSHIP: STATE

1. Existing Roads:

To reach Cabot Oil and Gas well Gusher 13-36-5-19 in Section 36, T5S, R 19E, Starting in Vernal, Utah.

Proceed in a westerly direction from Vernal, UT along US Highway 40 approximately 16.4 miles to the junction of this road and an existing County D Road to the north. Exit right and proceed in a northwesterly direction along the County D road approximately 1.2 miles to the proposed access road. Follow road flags in a northeasterly, then northerly direction approximately 2070 feet to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 18.0 miles.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 1,650' of new construction on lease and approximately 420' of new construction off lease. The road will be graded once per year minimum and maintained.

- A) Approximate length 2070 ft
- B) Right of Way width 30 ft
- C) Running surface 18 ft
- D) Surface material Native soil

- E) Maximum grade 8%
- F) Fence crossing None
- G) Culvert None
- H) Turnouts None
- I) Major cuts and fills No
- J) Road Flagged Yes
- K) Access road surface ownership State
- L) All new construction on lease Yes
- M) Pipe line crossing None

Please see the attached location plat for additional details.

An off lease right-of-way will be required for approximately 420' of new construction. An easement will be filed with School Trust Lands.

All surface disturbances for the road and location will be within the lease boundary.

3. Location of existing wells

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

- A) Producing well None
- B) Water well None
- C) Abandoned well
 - Federal 44X-35
 - Monada Govt 3 (3-35E19E)
 - Triumph Federal 1
 - Monda State 1
 - Monda State 2
 - Ouray Federal 1
- D) Temp. abandoned well None
- E) Disposal well None
- F) Drilling /Permitted well None
- G) Shut in wells None
- H) Injection well None
- I) Monitoring or observation well

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 an **Carlsbad Canyon** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Carlsbad Canyon**.

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.

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

If the well is capable of economic production a surface gas line will be required.

Approximately 5,390' of 4" steel surface gas gathering line would be constructed on State Lands.

The line will tie into the proposed pipeline in Section 2, T6S, R19E. The pipeline would be strung and boomed to the southwest of the location. The pipeline may be buried as determined by the Authorized Officer at the onsite.

An off lease right-of-way will be required for approximately 4,970'. An easement will be filed with School Trust Lands.

Please see the attached location diagrams for pipeline location.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead 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 State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing will come from 355 S 1000 E (Dalbo/A-1 Tank) This source is municipal.

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 gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **12 ft.** deep and most of the depth shall be below the surface of the existing ground Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will 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 permanent disposal method and location will be submitted to the authorized officer. **Evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation.**

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill 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 at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

- A) Pad length 345 ft.
- B) Pad width 245 ft.
- C) Pit depth 12 ft.
- D) Pit length 150 ft.
- E) Pit width 75 ft.
- F) Max cut 15.7 ft.
- G) Max fill 4.2 ft.
- H) Total cut yds. 5,000 cu yds
- I) Pit location East end
- J) Top soil location
North & South ends
- K) Access road location
South end
- L) Flare Pit corner C

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 topsoil removed and piled will amount to approximately 1,500 cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil 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 back-filled the topsoil from the pit area will be 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 re-contoured.

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

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled.

All disturbed areas will be re-contoured 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 rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the 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 topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

To be determined by the Authorized Officer.

11. Surface ownership:

Access road	State
Location	State
Pipeline	State

12. Other information:

A) Vegetation

The vegetation coverage is slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwelling 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 affect such sites, will be suspended and the discovery reported

promptly to the surface management agency.

been off production for more than 90 days.

D) Water:

The nearest water is the Moffat Canal located 3 miles to the West.

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 initial pressure tests.
- f) First production notice
Within five (5) business days after the new well begins, or production resumes after well has

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit outside the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification.

A) Representative

William A. Ryan
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

Office 435-789-0968
Fax 435-789-0970
Cellular 435-828-0968

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, 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.

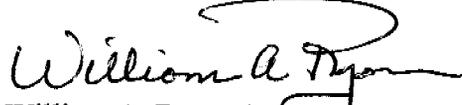
This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new

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 Cabot Oil and Gas 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 8/24/06


William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Dates:

Statement of use of Hazardous Materials

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 Cabot Oil and Gas
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax

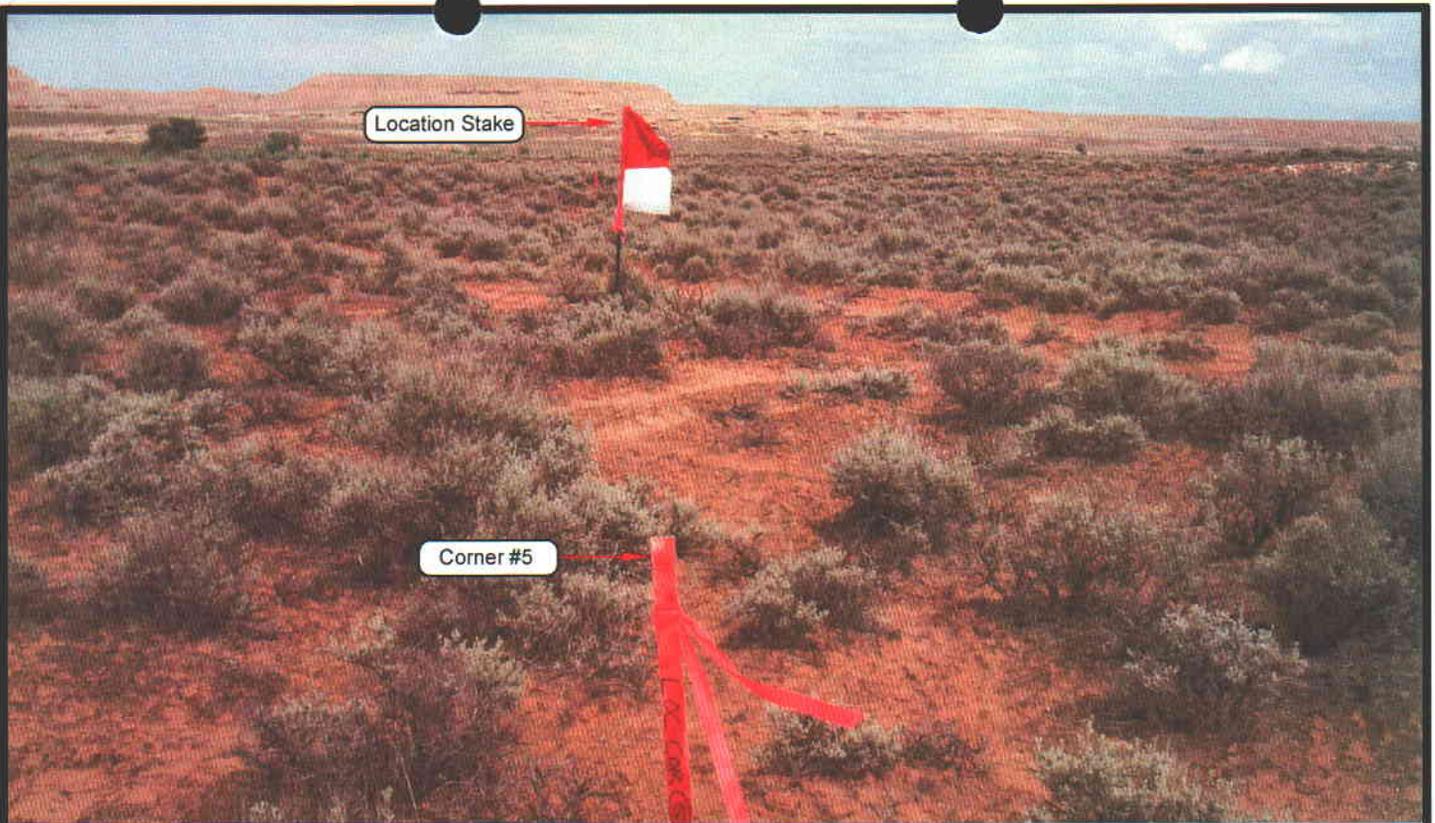


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

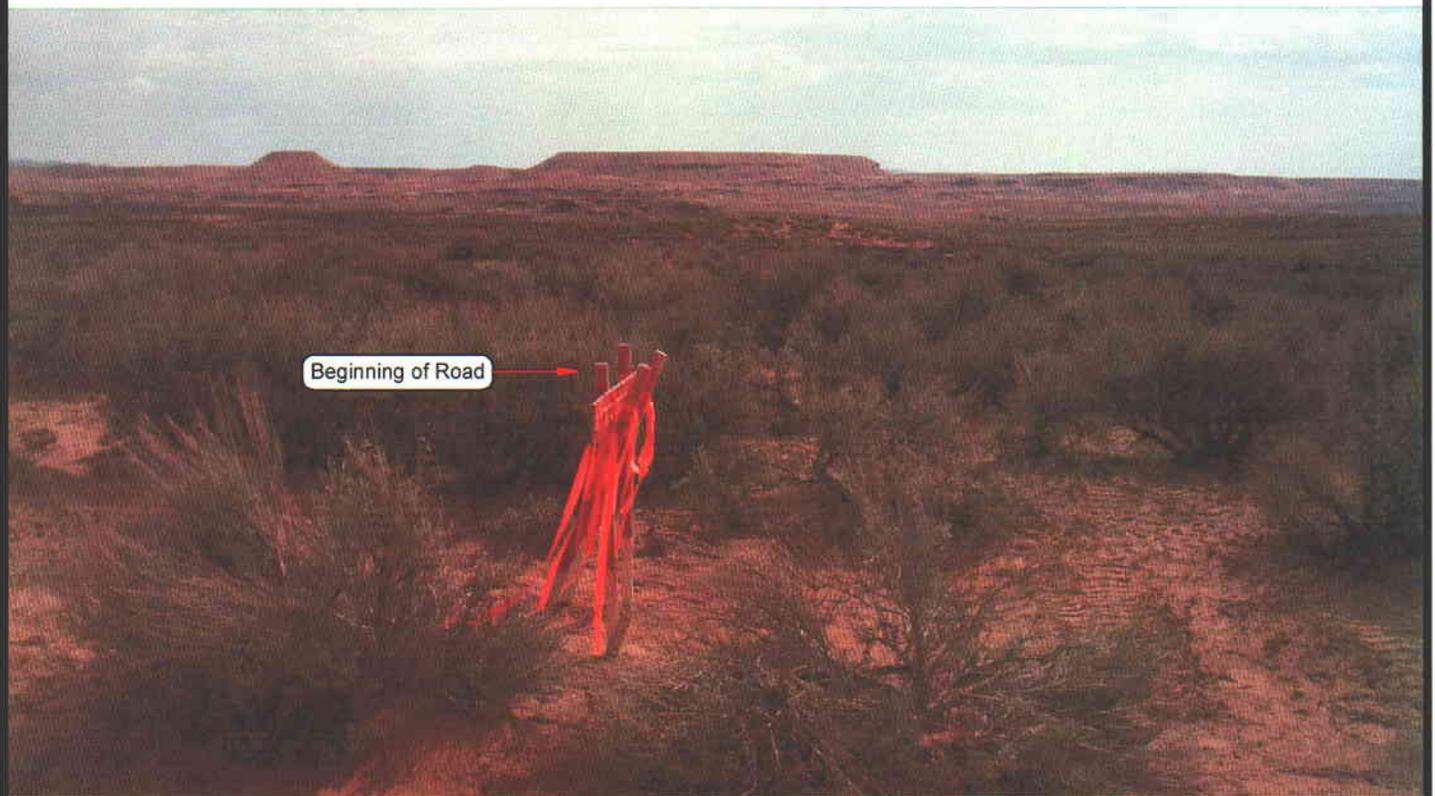


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

CABOT OIL AND GAS

Gusher 13-36-5-19
SECTION 36, T5S, R19E, S.L.B.&M.
482' FSL & 692' FWL

LOCATION PHOTOS

DATE TAKEN: 07-26-06
 DATE DRAWN: 07-31-06

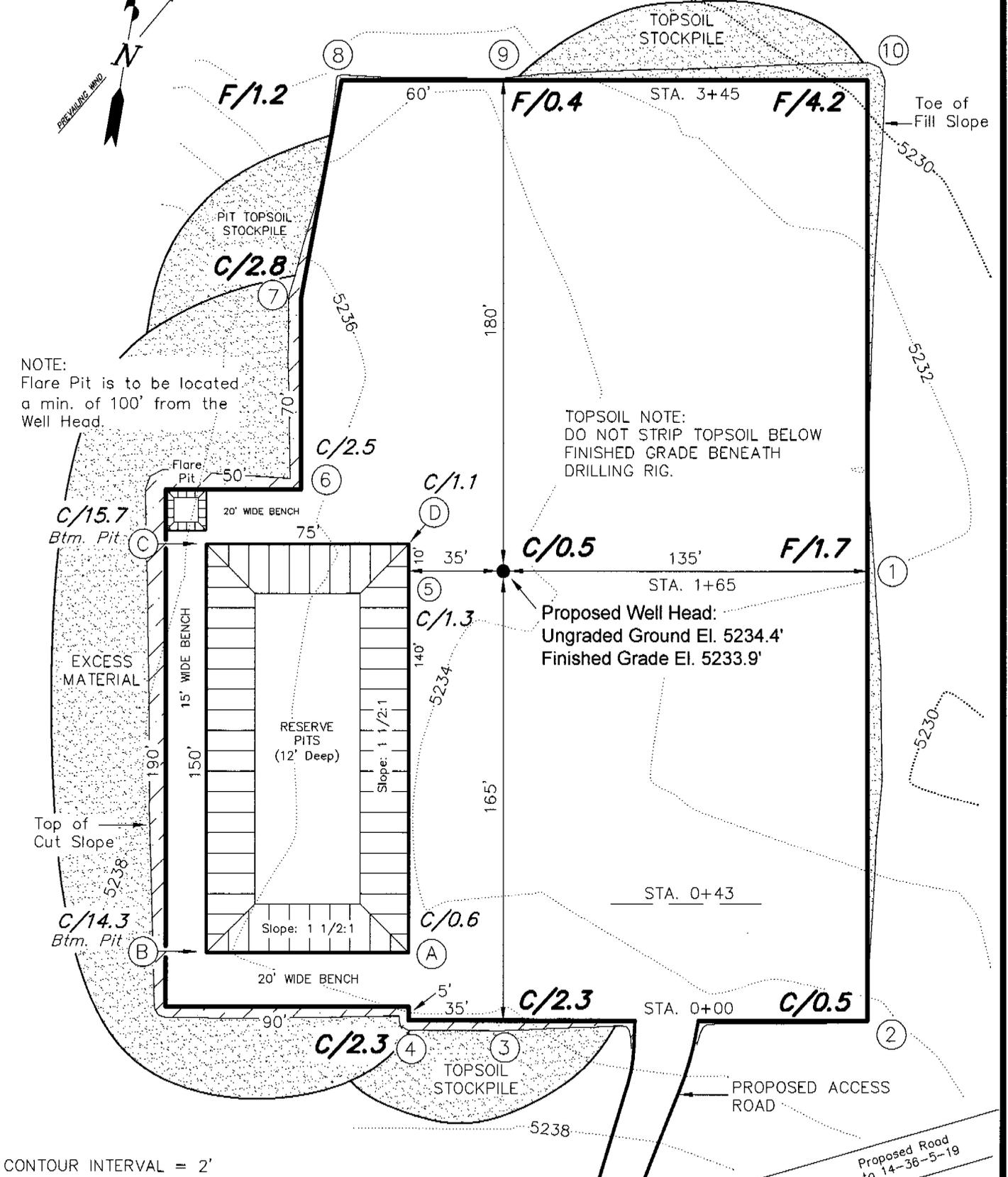
TAKEN BY: M.S.B. DRAWN BY: M.W.W. REVISED:

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
1
 OF 10

CABOT OIL AND GAS

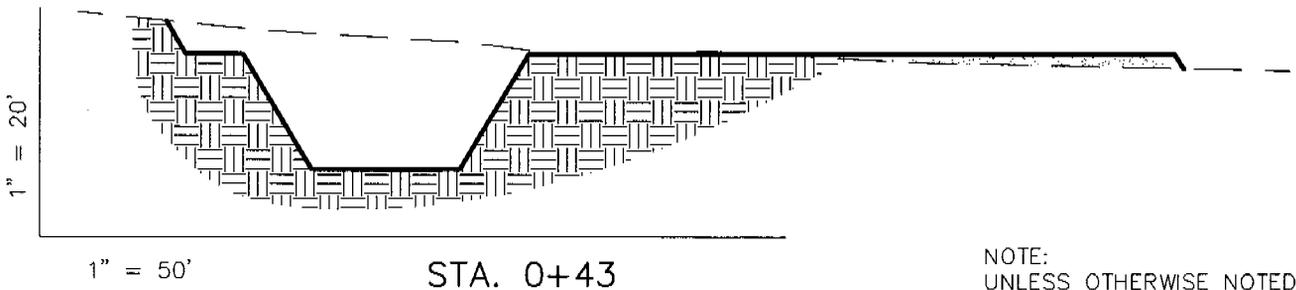
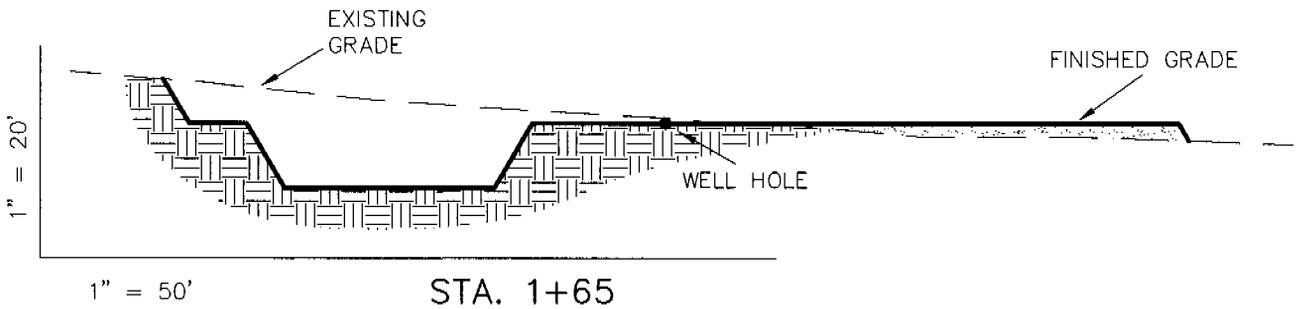
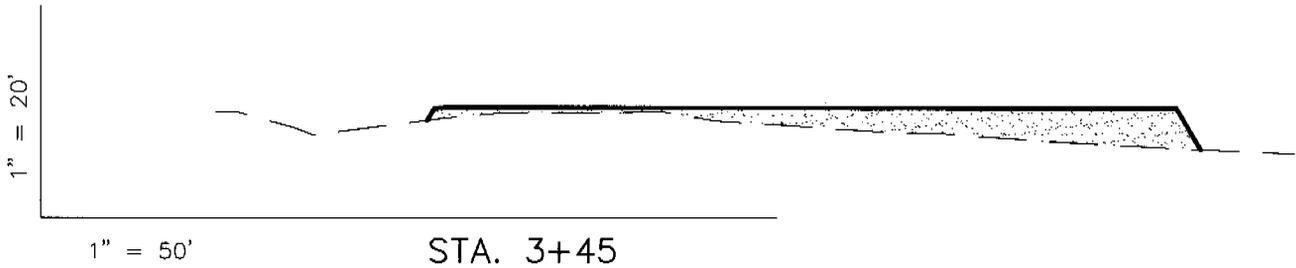
CUT SHEET GUSHER 13-36-5-19



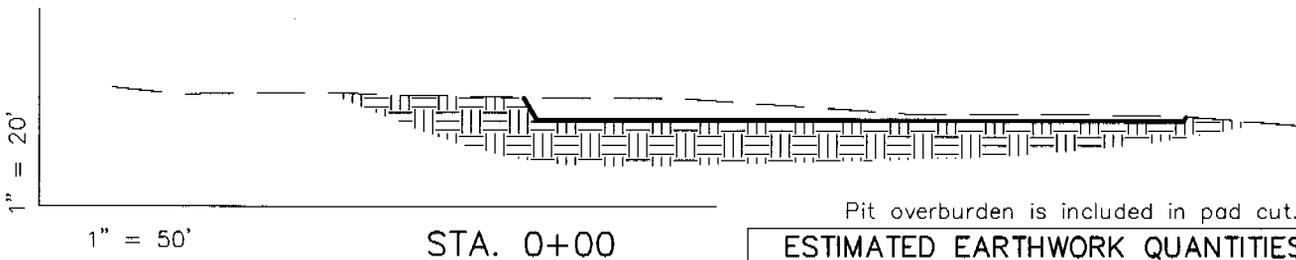
Section 36, T5S, R19E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 482' FSL & 692' FWL
Date Surveyed: 07-26-06	Date Drawn: 07-31-06	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	SHEET 3 OF 10
			38 WEST 100 NORTH VERNAL, UTAH 84078

CABOT OIL AND GAS

CROSS SECTIONS GUSHER 13-36-5-19



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1



Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,660	2,860	Topsoil is not included in Pad Cut	-1,200
PIT	3,340	0		3,340
TOTALS	5,000	2,860	1,500	2,140

Excess Material after Pit Rehabilitation = 470 Cu. Yds.

REFERENCE POINTS

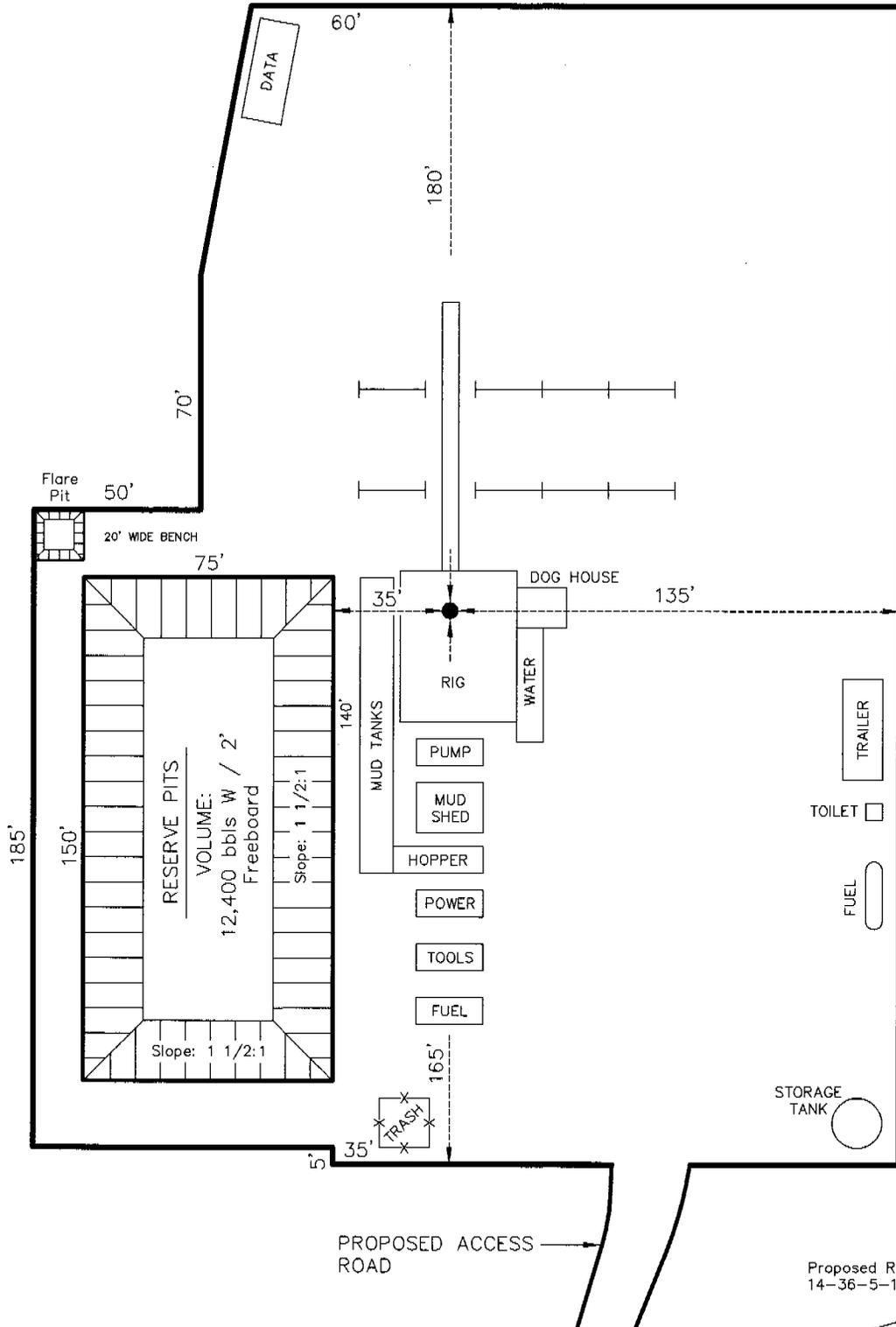
- 185' NORTHEASTELRY = 5231.4'
- 235' NORTHEASTELRY = 5228.6'
- 230' NORTHWESTERLY = 5229.5'
- 280' NORTHWESTERLY = 5228.9'

Section 36, T5S, R19E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 482' FSL & 692' FWL
Date Surveyed: 07-26-06	Date Drawn: 07-31-06	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	
			SHEET 4 OF 10

CABOT OIL AND GAS

TYPICAL RIG LAYOUT

GUSHER 13-36-5-19

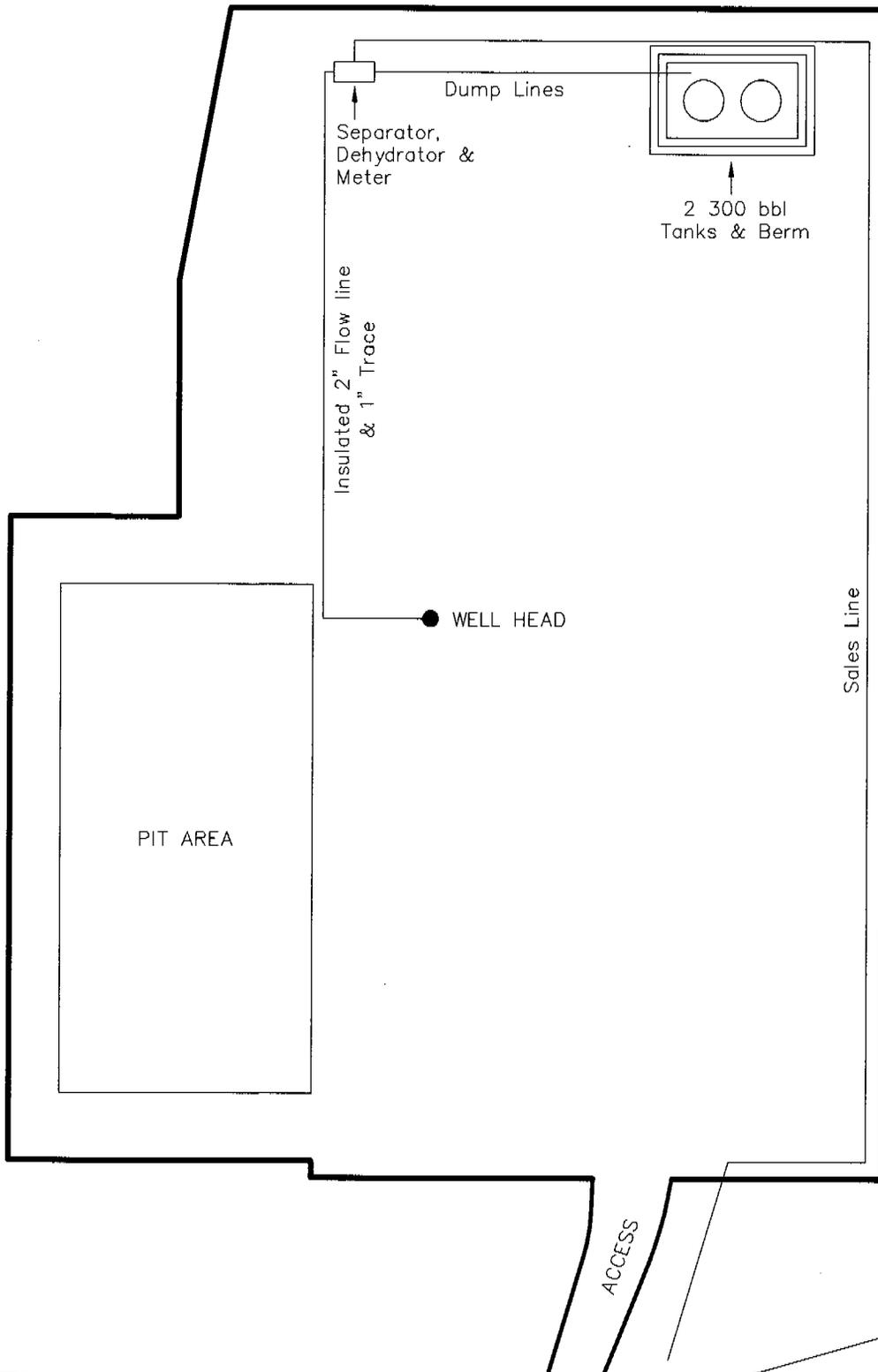


Section 36, T5S, R19E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 482' FSL & 692' FWL
Date Surveyed: 07-26-06	Date Drawn: 07-31-06	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	
			SHEET 5 OF 10

CABOT OIL AND GAS

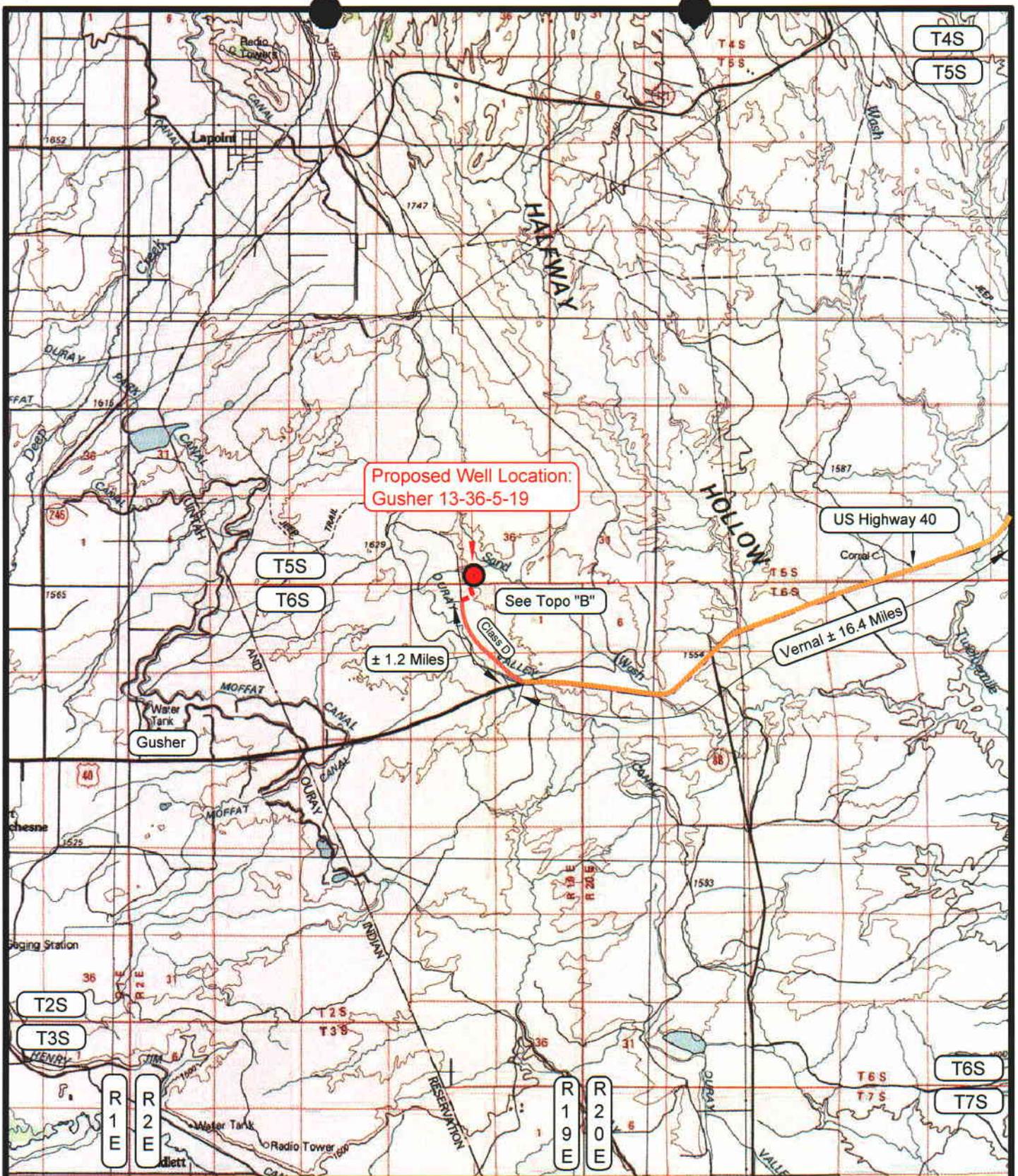
TYPICAL PRODUCTION LAYOUT

GUSHER 13-36-5-19



Section 36, T5S, R19E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 482' FSL & 692' FWL
Date Surveyed: 07-26-06	Date Drawn: 07-31-06	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	
			SHEET 6 OF 10

Proposed Road to 14-36-5-19



LEGEND

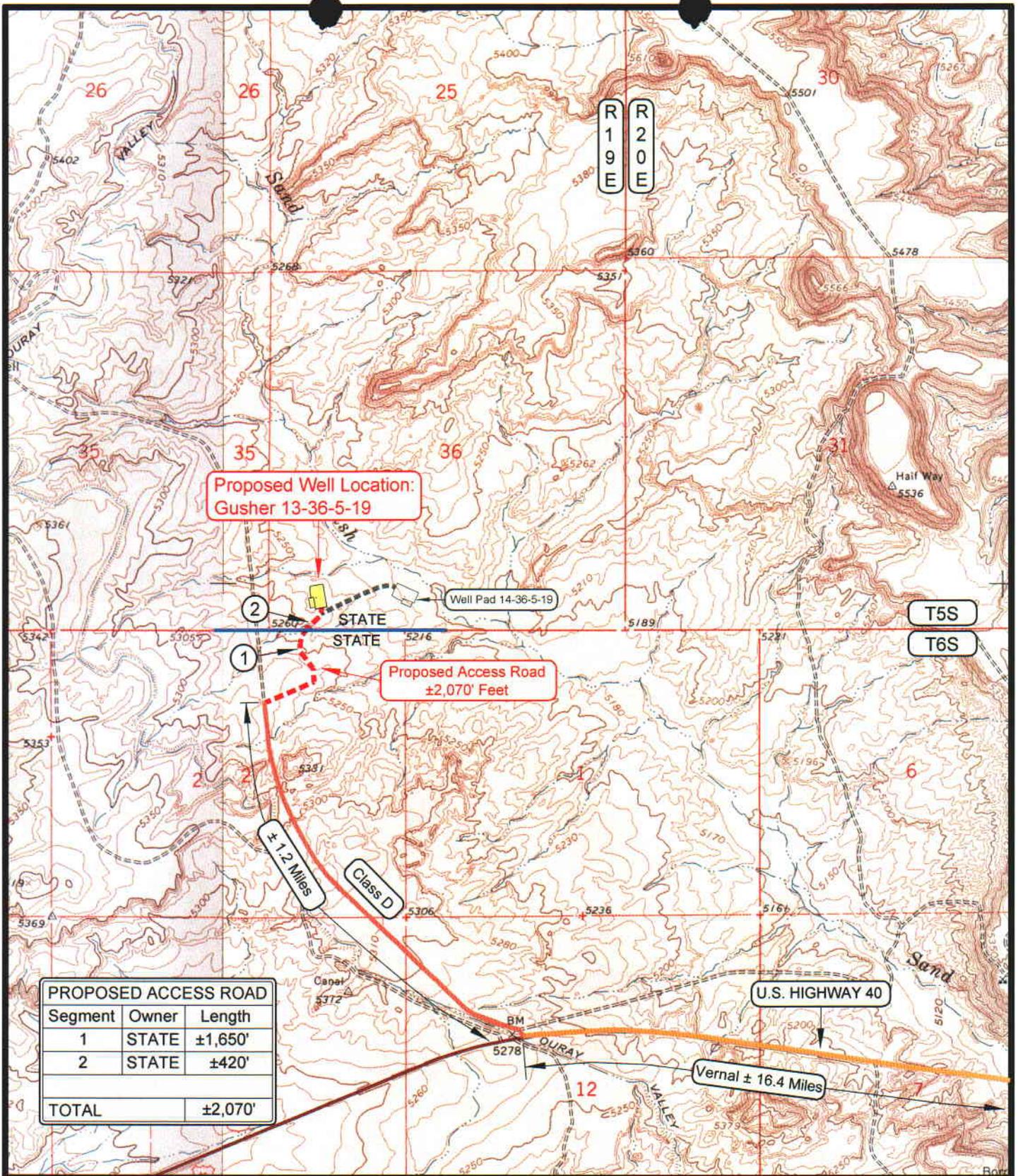
- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"		DATE SURVEYED: 07-26-06
SCALE: 1:100,000	DRAWN BY: M.W.W.	DATE DRAWN: 07-31-06
		REVISED:

CABOT OIL AND GAS

Gusher 13-36-5-19
SECTION 36, T5S, R19E, S.L.B.&M.
482' FSL & 692' FWL

Timberline Land Surveying, Inc. 38 West 100 North Vernal, Utah 84078 (435) 789-1365	SHEET 7 OF 10
--	--



PROPOSED ACCESS ROAD		
Segment	Owner	Length
1	STATE	±1,650'
2	STATE	±420'
TOTAL		±2,070'

LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 07-26-06

DATE DRAWN: 07-31-06

REVISED:

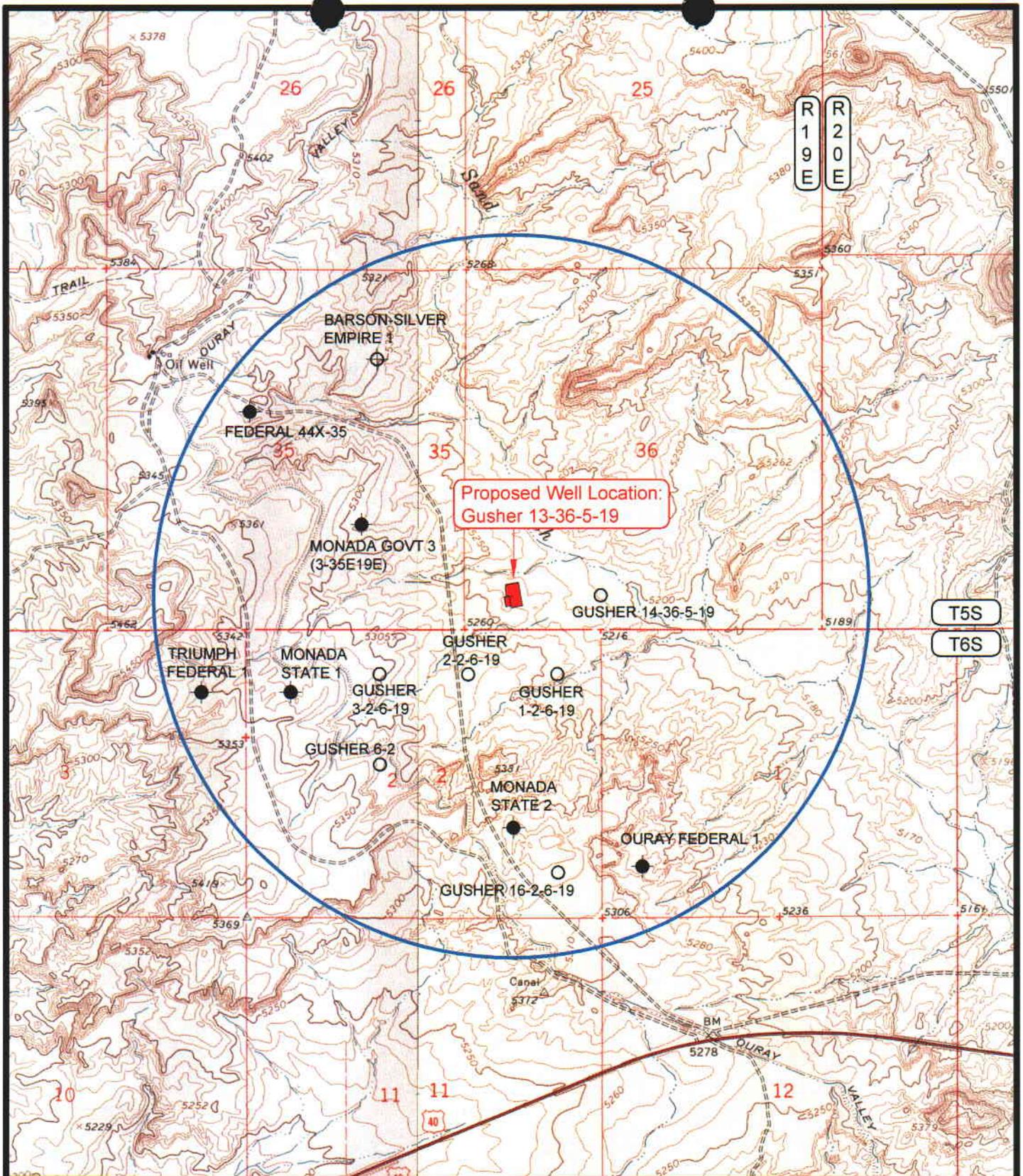
CABOT OIL AND GAS

Gusher 13-36-5-19
SECTION 36, T5S, R19E, S.L.B.&M.
482' FSL & 692' FWL

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
8
OF 10



Proposed Well Location:
Gusher 13-36-5-19

LEGEND

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊗ = ABANDONED LOCATION

CABOT OIL AND GAS

Gusher 13-36-5-19
SECTION 36, T5S, R19E, S.L.B.&M.
482' FSL & 692' FWL

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 07-26-06

DATE DRAWN: 07-31-06

SCALE: 1" = 2000'

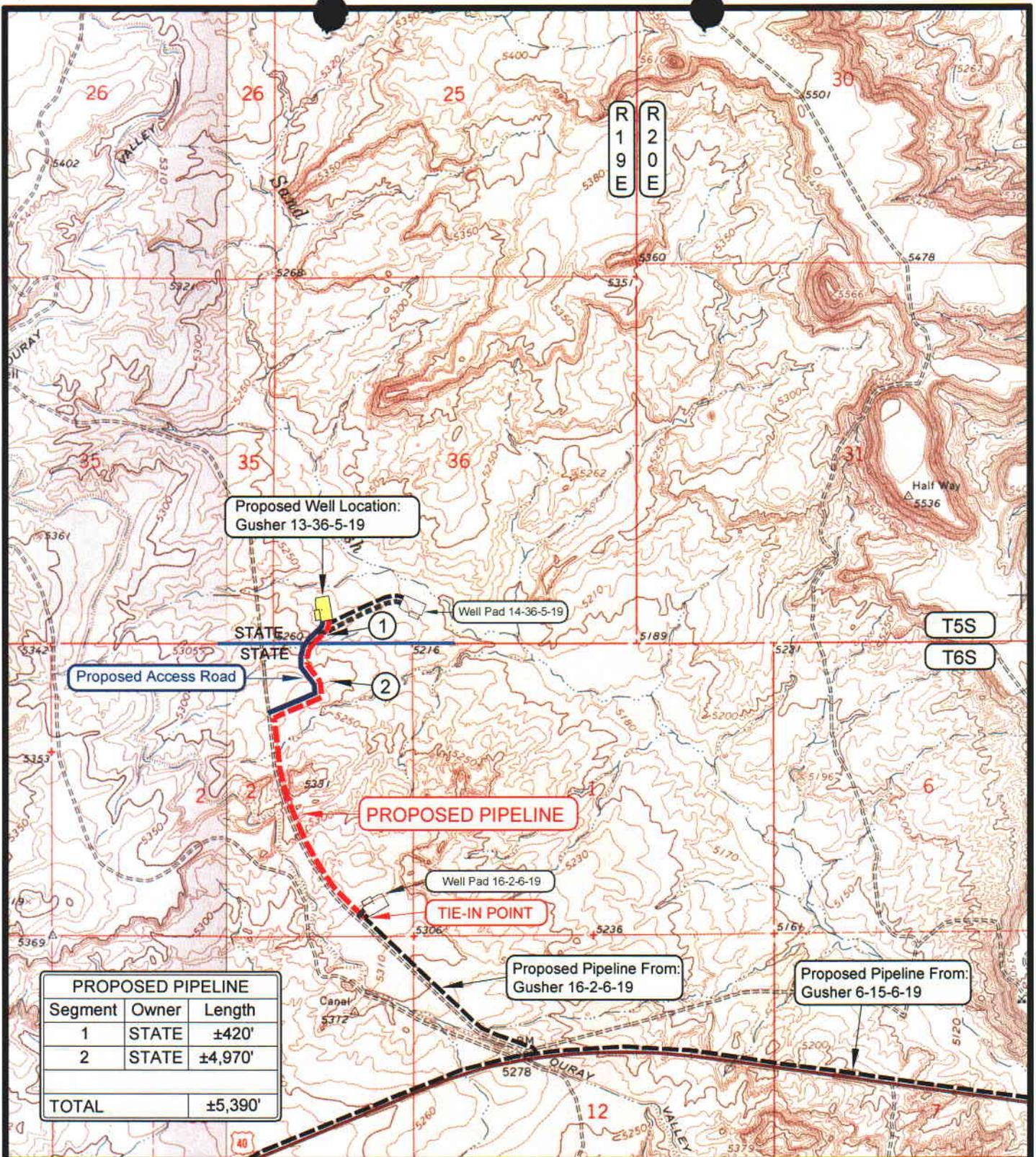
DRAWN BY: M.W.W.

REVISED:

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
 (435) 789-1385

SHEET
9
OF 10



APPROXIMATE PIPELINE LENGTH = ±5,390 Feet

CABOT OIL AND GAS

Gusher 13-36-5-19
SECTION 36, T5S, R19E, S.L.B.&M.
482' FSL & 692' FWL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
10
OF 10

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 07-26-06

DATE DRAWN: 07-31-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

N

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/29/2006

API NO. ASSIGNED: 43-047-38538

WELL NAME: GUSHER 13-36-5-19
 OPERATOR: CABOT OIL & GAS CORP (N6345)
 CONTACT: BILL RYAN

PHONE NUMBER: 303-868-6612

PROPOSED LOCATION:

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	11/2/06
Geology		
Surface		

SWSW 36 050S 190E
 SURFACE: 0482 FSL 0692 FWL
 BOTTOM: 0482 FSL 0692 FWL
 COUNTY: UINTAH
 LATITUDE: 40.33272 LONGITUDE: -109.7450
 UTM SURF EASTINGS: 606607 NORTHINGS: 4465232
 FIELD NAME: UNDESIGNATED (2)

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47388
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

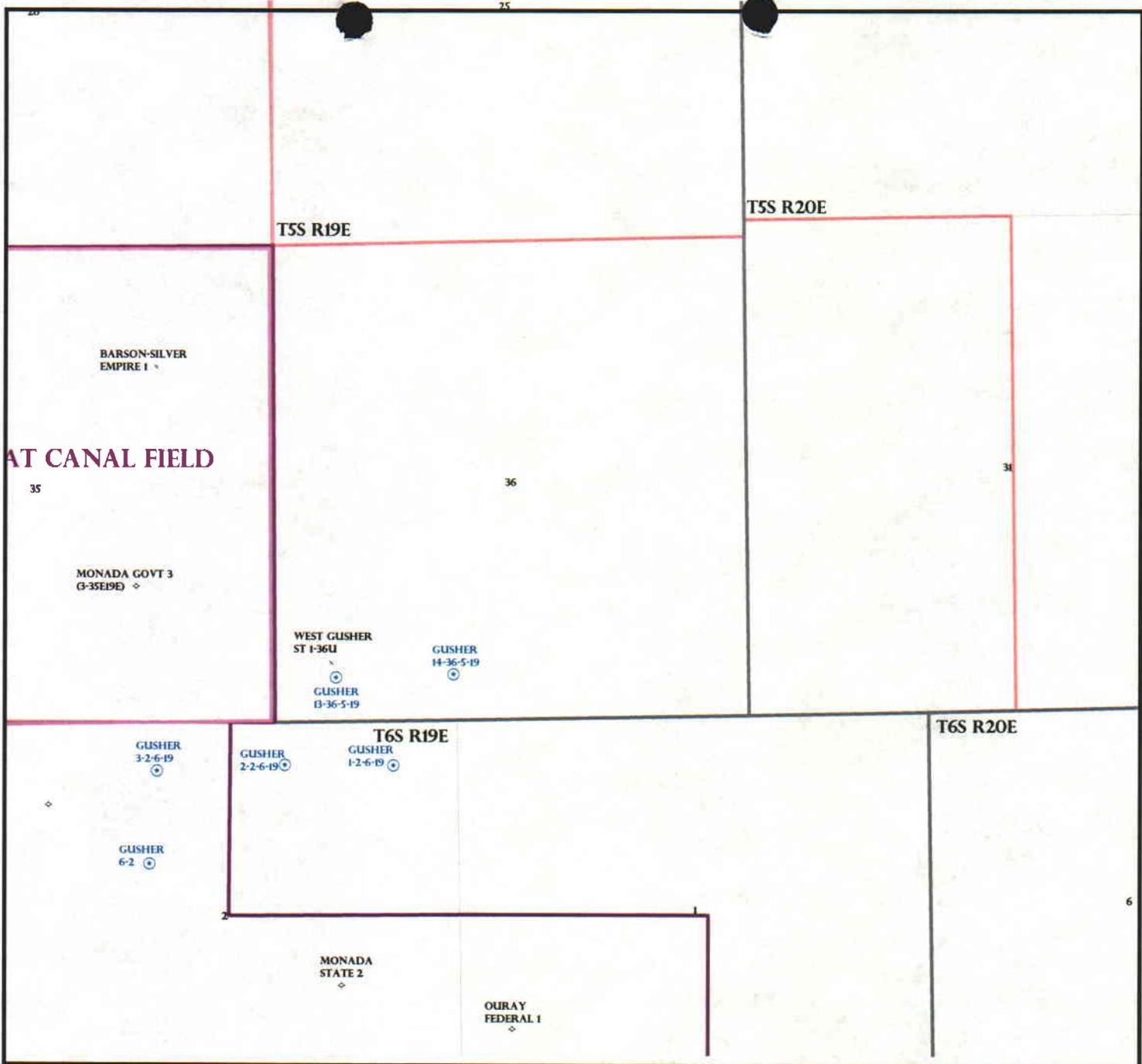
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008662)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- _____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- _____ R649-3-11. Directional Drill

COMMENTS: Needs Pres. L (10-05-06)

STIPULATIONS: 1- Spacing Slip
2- STATEMENT OF BASIS



OPERATOR: CABOT O&G CORP (N6345)

SEC: 36 T.5S R.19E

FIELD: UNDESIGNATED (002)

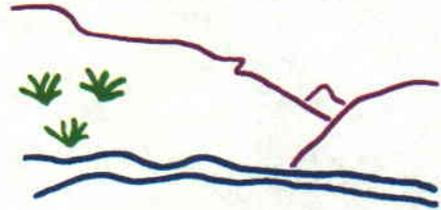
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 31-AUGUST-2006

Application for Permit to Drill

Statement of Basis

10/11/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
91	43-047-38538-00-00		GW	S	No
Operator	CABOT OIL & GAS CORP	Surface Owner-APD			
Well Name	GUSHER 13-36-5-19	Unit			
Field	UNDESIGNATED	Type of Work			
Location	SWSW 36 5S 19E S 0 FL 0 FL GPS Coord (UTM) 606607E 4465232N				

Geologic Statement of Basis

Cabot proposes to set 1,000 feet of surface casing, cemented to the surface. The base of the moderately saline water is estimated at 4,200 feet. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 36. The well is over a mile from the proposed location. This well is 725 feet in depth and its listed use is for oilfield drilling. The surface formation at this location is the Green River Formation. The Green River Formation is made up of sands interbedded with shales and can produce prolific aquifers. Production casing cement should be brought up above the base of the moderately saline water. The proposed surface casing should adequately protect any near surface aquifers.

Brad Hill
APD Evaluator

10/11/2006
Date / Time

Surface Statement of Basis

The proposed location is SITLA surface and minerals.

Section 36 is approximately 12 air miles southwest of Vernal Utah. It is accessed by Utah State Hwy 40 a distance of 16.4 miles then north on Uintah County Class D road 1.2 miles. The location is immediately east of this road. Approximately 2070 feet of new access road will be required. Spot betterment will be needed on short sections of the Uintah County road. The section is owned by SITLA but surrounded on 3 1/2 sides by land administered by the BLM. A SITLA section borders the section on the southwest corner. The only water in the area is in the Ouray Valley Canal, which is approximately 1/2 mile west. This canal does seep and water can be found in a few swales below the canal. The topography in the area is generally flat but intersected by some gentle swales and washes, primarily to the east of the section.

The proposed Gusher 13-36-5-19 well lies on a flat, which slopes slightly to the northeast. A sandstone outcrop lies to the southeast of the location. A drainage to the north contains riparian type vegetation. The requested location would have included this draw. It was moved to the south to avoid the draw.

Ben Williams representing the UDWR stated the area is classified as high value yearlong habitat for antelope, limited value yearlong habitat for deer and poor quality sage grouse brooding grounds. He did not recommend any restrictions to the Operator or SITLA. He stated no other wildlife species are expected to be significantly affected. Mr. Williams also gave Ms. Stringham and Mr. Davis, a UDWR recommended seed mix to be used when the reserve pit and location are reclaimed.

Floyd Bartlett
Onsite Evaluator

10/5/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CABOT OIL & GAS CORP
Well Name GUSHER 13-36-5-19
API Number 43-047-38538-0 **APD No** 91 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSW **Sec** 36 **Tw** 5S **Rng** 19E 0 FL 0 FL
GPS Coord (UTM) 606605 4465236 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Jim Davis (SITLA), Ginger Stringham (Paradigm Consulting, Representing Cabot), Corey Stubbs (Stubbs and Stubs Construction), Colby Kay (Timberline Land Surveying), Ben Williams (Utah Division of Wildlife Resources)

Regional/Local Setting & Topography

Section 36 is approximately 12 air miles southwest of Vernal Utah. It is accessed by Utah State Hwy 40 a distance of 16.4 miles then north on Uintah County Class D road 1.2 miles. The location is immediately east of this road. Approximately 2070 feet of new access road will be required. Spot betterment will be needed on short sections of the Uintah County road. The section is owned by SITLA but surrounded on 3 1/2 sides by land administered by the BLM. A SITLA Section borders the section on the southwest corner. The only water in the area is in the Ouray Valley Canal, which is approximately 1/2 mile west. This canal does seep and water can be found in a few swales below the canal. The topography in the area is generally flat but intersected by some gentle swales and washes, primarily to the east of the section.

The proposed Gusher 13-36-5-19 well lies on a flat, which slopes slightly to the northeast. A sandstone outcrop lies to the southeast of the location. A drainage to the north contains riparian type vegetation. The requested location would have included this draw. It was moved to the south to avoid the draw.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat
Recreational

New Road

Miles	Well Pad	Length	Src Const Material	Surface Formation
0.4	Width 250	370	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Proposed location is abundantly vegetated with a desert type vegetation, which includes big sagebrush, needle and thread grass, yellow rabbit brush, broom snakeweed, spiny hopsage, tansy mustard weed, curly mesquite and cheatgrass.

Dominant fauna is pronghorn, rodents, songbirds, raptors, deer, bobcat, coyote, and small mammals. Three owls were observed in the swale to the north of the location.

Soil Type and Characteristics

Deep reddish brown sandy loam with no surface rock, sandstone outcrops occur.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potential Observed?** N **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors

		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 20 1 **Sensitivity Level**

Characteristics / Requirements

75' x 150' x 12' deep located in an area of cut in the southwest corner of the location. A minimum of a 12. Mil liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 12 **Pit Underlayment Required?** Y

Other Observations / Comments

Ben Williams representing the UDWR stated the area is classified as high value yearlong habitat for antelope, limited value yearlong habitat for deer and poor quality sage grouse brooding grounds. He did not recommend any restrictions to the Operator or SITLA. He stated no other wildlife species are expected to be significantly affected. Mr. Williams also gave Ms. Stringham and Mr. Davis, a UDWR recommended seed mix to be used when the reserve pit and location are reclaimed.

Floyd Bartlett
Evaluator

10/5/2006
Date / Time

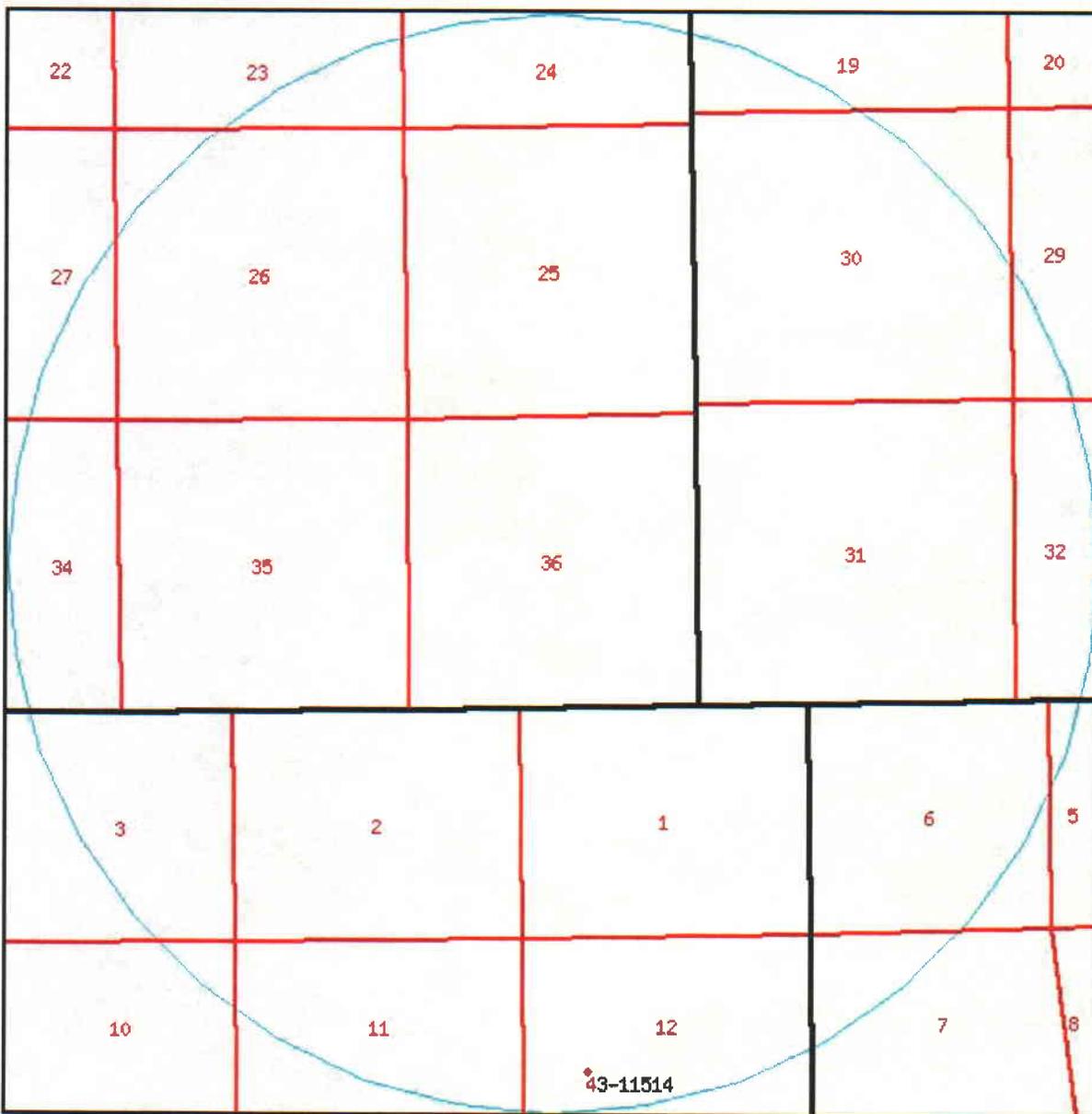
[utah gov](#)
[Online Services](#)
[Agency List](#)
[Business](#)
[Google](#)

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 10/11/2006 11:27 AM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 36, Township 5S, Range 19E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2600 3900 5200 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Ow
43-11514	Underground S2400 E1200 NW 12 6S 19E SL	well info	A	20040412	O	0.000	20.000	MAXIE E. 145 SOUTI 16)

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

2006-10 Cabot Gusher 13-5-19

Casing Schematic

BHP
 $10.052 \times 9900 / 10 = 5148 \text{ psi}$
 anticipate < 5000

9-5/8"
 MW 8.4
 Frac 19.3

Gms
 $(112 \times 9900) = 1188$
 $5148 - 1188 = 3960 \text{ psi}$
 MASP
 Gas/mud = 2970 psi

BOPE - 5M ✓

Burst 3520 psi
 $70\% = 2464 \text{ psi}$

Max P @ csg shoe
 $8900 \times 0.22 = 1958$
 $5148 - 1958 = 3190 \text{ psi}$

Test to 2464 psi ✓
 (± 2000 psi surt. press)

✓ Adequate DCD 14/2/06

5-1/2"
 MW 10.

Surface

121' 187'

TOC @ Duchesne
 1.
 502' TOC tail
 TOC @ 531' - 945' Uinta ✓
 Surface
 1000. MD

- 3867' TOC tail
- 4200' BMSWT
- 5215' Green River
- 5545' Mahogany OS ✓
- 7475' Garden Gulch
- 7865' DC Marker
- 8290' Douglas-Creek
- 9420' Wasatch

Production
 9900. MD

Well name:

2006-10 Cabot Gusher 13-36-5-19

Operator: **Cabot Oil & Gas Corporation**

String type: **Surface**

Project ID:
43-047-38538

Location: **Uintah County**

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 299 ft

Burst:

Design factor 1.00

Cement top: 1 ft

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

No backup mud specified.

Tension is based on air weight.
Neutral point: 876 ft

Re subsequent strings:

Next setting depth: 9,900 ft
Next mud weight: 10.000 ppg
Next setting BHP: 5,143 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	434.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	436	2020	4.629	1000	3520	3.52	36	394	10.94 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: October 27, 2006
Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2006-10 Cabot Gusher 13-36-5-19

Operator: **Cabot Oil & Gas Corporation**

String type: Production

Project ID:

43-047-38538

Location: Uintah County

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 531 ft

Burst

Max anticipated surface pressure: 2,965 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,143 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 8,398 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9900	5.5	17.00	N-80	LT&C	9900	9900	4.767	1292.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5143	6290	1.223	5143	7740	1.51	168	348	2.07 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: October 27, 2006
Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 11/21/2006 10:14 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Cabot Oil & Gas Corporation

Gusher 13-36-5-19 (API 43 047 38538)
Gusher 14-36-5-19 (API 43 047 38539)

Dominion E&P, Inc

AP 11-2J (API 43 047 38786)
AP 13-2J (API 43 047 38787)
Kings Canyon 6-32E (API 43 047 38781)
Kings Canyon 15-32E (API 43 047 38782)

EOG Resources, Inc

Chapita Wells Unit 554-2F (API 43 047 36935)
Chapita Wells Unit 1218-2 (API 43 047 38320)

The Houston Exploration Company

Gusher 13-11-5-19 (API 43 047 38462)
Squaw Ridge 14-16-7-25 (API 43 047 38461)

QEP Uinta Basin Inc

GB 4SG-36-8-21 (API 43 047 38764)

If you have any questions regarding this matter please give me a call.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 22, 2006

Cabot Oil & Gas Corporation
600 17th St. Ste. 900N
Denver, CO 80202

Re: Gusher 13-36-5-19 Well, 482' FSL, 692' FWL, SW SW, Sec. 36, T. 5 South,
R. 19 East, 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 43-047-38538.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
SITLA

Operator: Cabot Oil & Gas Corporation
Well Name & Number Gusher 13-36-5-19
API Number: 43-047-38538
Lease: ML-47388

Location: SW SW Sec. 36 T. 5 South R. 19 East

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**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will 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.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-47388

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Gusher 13-36-5-19

9. API NUMBER:

4304738538

10. FIELD AND POOL, OR WILDCAT:

Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Cabot Oil & Gas Corporation

3. ADDRESS OF OPERATOR: 600 17th St. Suite 900 N. CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 868-6612

4. LOCATION OF WELL FOOTAGES AT SURFACE: 482' FSL & 692' FWL COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 T5S 19E STATE: UTAH

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, DEEPEN, REPERFORATE CURRENT FORMATION, etc.

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

Operator respectfully requests t extend approval for the subject location for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-05-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 11-07
Initials: [Signature]

NAME (PLEASE PRINT) William A. Ryan TITLE Agent
SIGNATURE [Signature] DATE 10/17/2007

(This space for State use only)

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NOV 02 2007

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-38538
Well Name: Gusher 13-36-5-19
Location: 482' FSL & 692' FWL
Company Permit Issued to: Cabot Oil and Gas Corporation
Date Original Permit Issued: 11/22/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

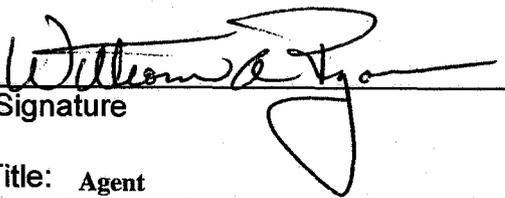
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

10/17/2007

Date

Title: Agent

Representing: Cabot Oil and Gas Corporation

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NOV 02 2007

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 12, 2009

Cabot Oil & Gas Corporation
600 17TH Street, Suite 900 N.
Denver, CO 80202

Re: APD Rescinded – Gusher 13-36-5-19, Sec. 36 T. 5S, R. 19E
Uintah County, Utah API No. 43-047-38538

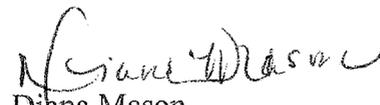
Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 22, 2006. On November 5, 2007, the Division granted a one-year APD extension.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 12, 2009. A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

