

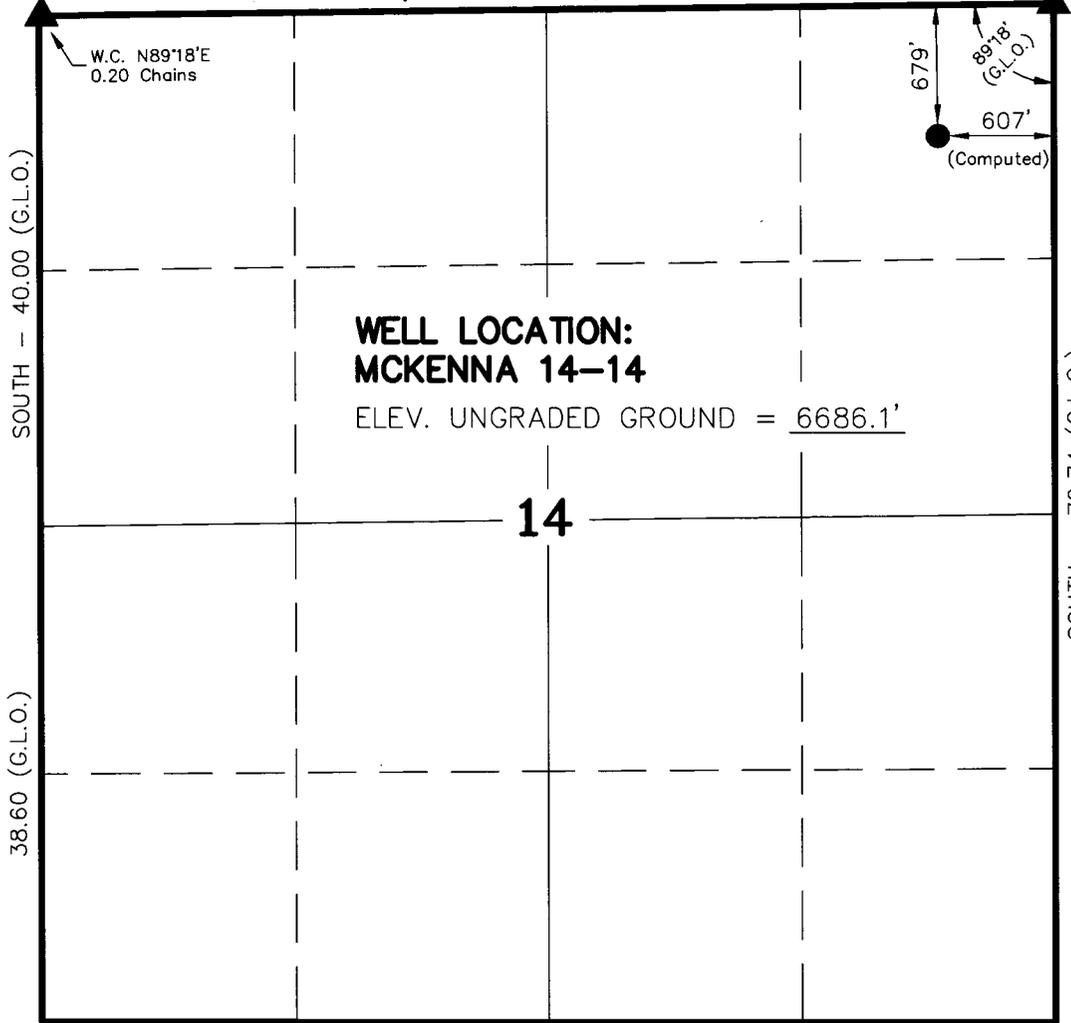
T29S, R24E, S.L.B.&M.

Found 1915 Brass
Cap Witness Corner.
Cap is 1' Northwest
of Fence Corner.

N89°18'E - 80.45 (G.L.O.)

N89°17'46"E - (Basis of Bearings) 5286.25' (Measured)

Found 1915
Brass Cap.



**WELL LOCATION:
MCKENNA 14-14**

ELEV. UNGRADED GROUND = 6686.1'

14

CABOT OIL AND GAS

WELL LOCATION, MCKENNA 14-14,
LOCATED AS SHOWN IN THE NE 1/4
NE 1/4 OF SECTION 14, T29S, R24E,
S.L.B.&M. SAN JUAN COUNTY, UTAH.

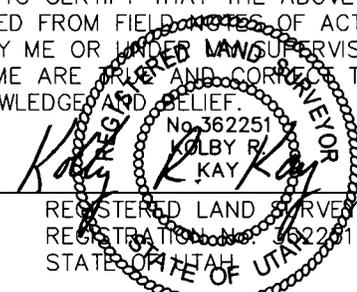
NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The proposed well bears S41°28'40"W 915.69' from the Northeast Corner of Section 14.
4. Basis of elevation is bench mark G127 1934 located in the West 1/2 of Section 3, T29S, R24E, S.L.B.&M. The elevation of this bench mark is shown on the La Sal West, Utah 7.5 min. Quadrangle as being 6844'.



▲ = SECTION CORNERS LOCATED

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.



REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 10-28-05	SURVEYED BY: B.J.S.	SHEET 2 OF 10
DATE DRAWN: 11-08-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

**UTAH STATE PLANE COORDINATES,
1927, SOUTH ZONE**
X = 2,648,810.926
Y = 597,586.054

**MCKENNA 14-14
(Surface Location) NAD 83**
LATITUDE = 38° 17' 10.67"
LONGITUDE = 109° 14' 24.46"

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				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				9. WELL NAME and NUMBER: Mckenna 14-14	
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: Paradox Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 679' FNL & 607' FEL 653970X 38.286267 4238837Y -109.239548 AT PROPOSED PRODUCING ZONE: Same as above.				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 2.3 miles south of La Sal, UT				12. COUNTY: San Juan	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 607'		16. NUMBER OF ACRES IN LEASE:		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 9,800		20. BOND DESCRIPTION: 5809579	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6685' GR		22. APPROXIMATE DATE WORK WILL START: 1/1/2006		23. ESTIMATED DURATION: 30 Days	

24. **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#	2,300	Premium Lite	440 sx	2.28cf/sk 8.4 PPG
			Type III	450 sx	1.43cf/sk 8.4 PPG
8 3/4	7" HCP-110 26#	9,800	Premium Lite High Strg	825 sx	2.02cf/sk 9.0 PPG

25. **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 checked="" type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

CONFIDENTIAL

NAME (PLEASE PRINT) William A Ryan TITLE Agent

SIGNATURE *William A Ryan* DATE 11/21/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-037-31841

APPROVAL:

RECEIVED
DEC 07 2005

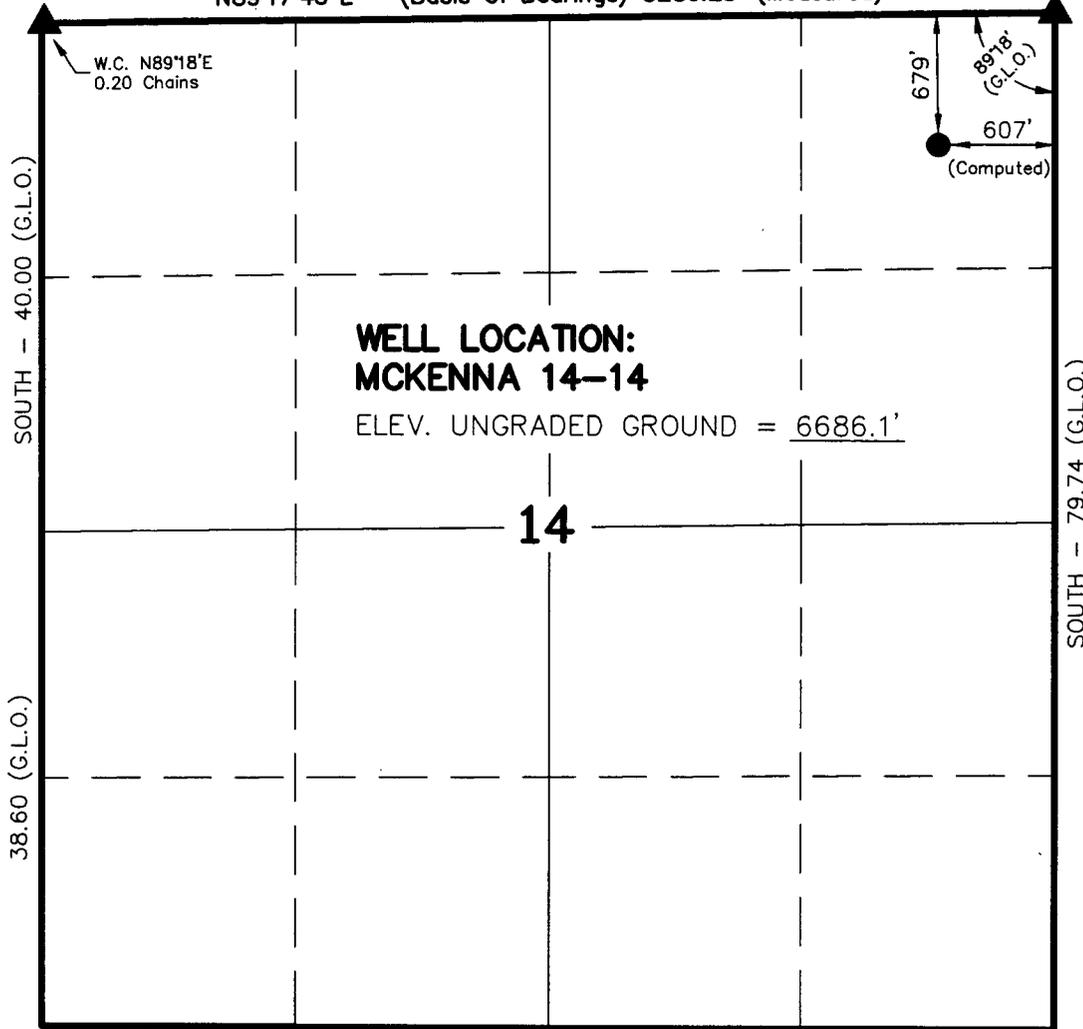
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CABOT OIL AND GAS

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38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

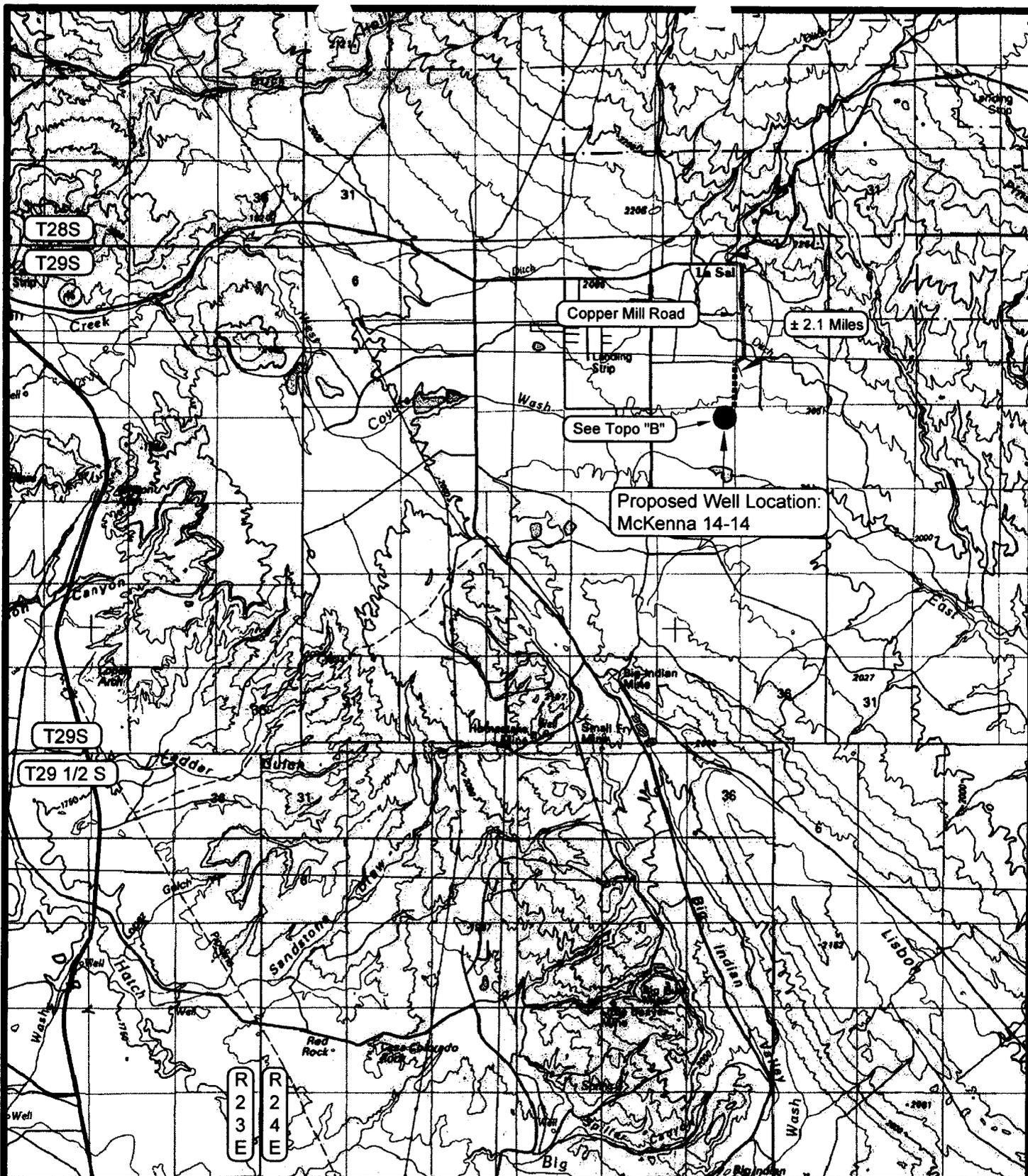
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(Surface Location) NAD 83**

LATITUDE = 38° 17' 10.67"
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DATE SURVEYED: 10-28-05	SURVEYED BY: B.J.S.	SHEET 2 OF 10
DATE DRAWN: 11-08-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

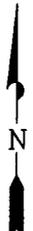


LEGEND

- - PROPOSED WELL LOCATION
- — — — — EXISTING ROAD
- — — — — EXISTING ROAD (TO BE IMPROVED)
- PROPOSED ACCESS ROAD

CABOT OIL AND GAS

McKenna 14-14
SECTION 14 , T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL



TOPOGRAPHIC MAP "A"		DATE SURVEYED: 10-24-05
SCALE: 1:100,000		DATE DRAWN: 11-07-05
DRAWN BY: BJZ.	REVISED:	

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

SHEET
7
OF 10

Project Number: 6026

Sponsor: Division of Oil, Gas and Mining SLB&M: Sec. 14, T29S, R24E

Counties Affected: San Juan Description: Application for Permit to Drill -
proposal to drill a wildcat well the Mckenna

Comments:

Well must be sited, drilled, and managed to prevent degradation of water quality through measures to limit erosion, limit stormwater runoff, and limit pollutant loading to runoff.

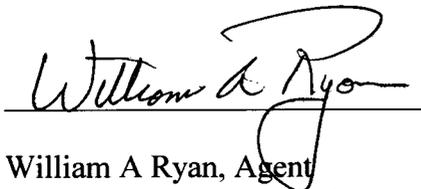
- 1- Wellpad placement or expansion disturbs soils. Vegetative and/or structural measures to control erosion should be implemented within 60 days of initial soil disturbance to prevent erosion leaving the site from exceeding the tolerable rate as determined by the local office of USDA/NRCS.
- 2- If vegetation surrounding the wellpad does not provide at least 60% ground cover within 60 days of creating the wellpad, engineering practices should be implemented within those 60 days to control erosion. Such engineering measures may include mulching, use of fiber mats, cross slope trenching, contour furrows, rock dams, terracing or such other erosion control practices as are required to prevent erosion from exceeding the tolerable rate.
- 3- No disturbance or degradation to or of surrounding or nearby soils, native or beneficial vegetation, or riparian areas should be permitted.
- 4- In addition, no spills nor runoff of chemicals including hydrocarbons, lubricants, salt water, antifreeze, or other potentially damaging materials should be permitted.

AFFIDAVIT OF SURFACE OWNER USE AGREEMENT

Cabot Oil and Gas has in place, agreements with the surface owners of the following leases. Cabot Oil and Gas is the operator and makes this certification that the agreements provide for management of the Fee surface lands under development.

Section 14, Township 29 South, Range 24 East

Paul Redd
La Sal, UT 84530
970-859-7358

A handwritten signature in black ink, reading "William A. Ryan", is written over a horizontal line. The signature is cursive and includes a large, stylized initial "R".

William A Ryan, Agent
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078
435-789-0968

Ten Point Plan

CABOT OIL & GAS CORPORATION

Mckenna 14-14

Surface Location NE ¼ NE ¼, Section 14, T. 29S., R. 24E.

1. Surface Formation

Alluvium/Dakota

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Alluvium/Mancos	Surface	+6,685' G.L.
Dakota	206	+6,479
Morrison	541	+6,144'
Entrada	1,256	+5,429'
Navajo	1,622	+5,063'
Kayenta	2,060	+4,625
Wingate	2,275	+4,410'
Chinle	2,612	+4,073'
Cutler	2,922	+3,763'
Hctl 5	7,942	+1,257'
Hctl 4	8,312	-1,627'
Hctl 3	8,554	-1,869'
Hctl 2	8,852	-2,167'
HKTL 2 shale	8,930	-2,245'
HKTL 1	8,996	-2,311'
HKTL 1 shale	9,249	-2,564'
U Ismay	9,289	-2,604'
Hovenweep shale	9,427	-2,742'
L Ismay	9,489	-2,804'
Gothic shale	9,555	-2,870'
Desert Creek	9,659	-2,974'
Salt	9,670	-2,985'
TD	9,800	-3,115'

3. Producing Formation Depth:

Formation objective includes the Honaker Trail and its sub-members.

Off Set Well information:

No off set wells within one mile.

4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling & Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
12 ¼	9 5/8	36#	J-55	LT&C	3,100'	NEW
8 ¾	5 ½	17#	P-110	LT&C	T.D.	NEW

Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	9 5/8	Premium Lite	440 sx. +/-	2.28cf/sx	36# ppf
Tail:	9 5/8	Type III	450sx. +/-	1.43 cf/sx	# ppf

Production casing will be cemented to 2,500' or higher as follows:

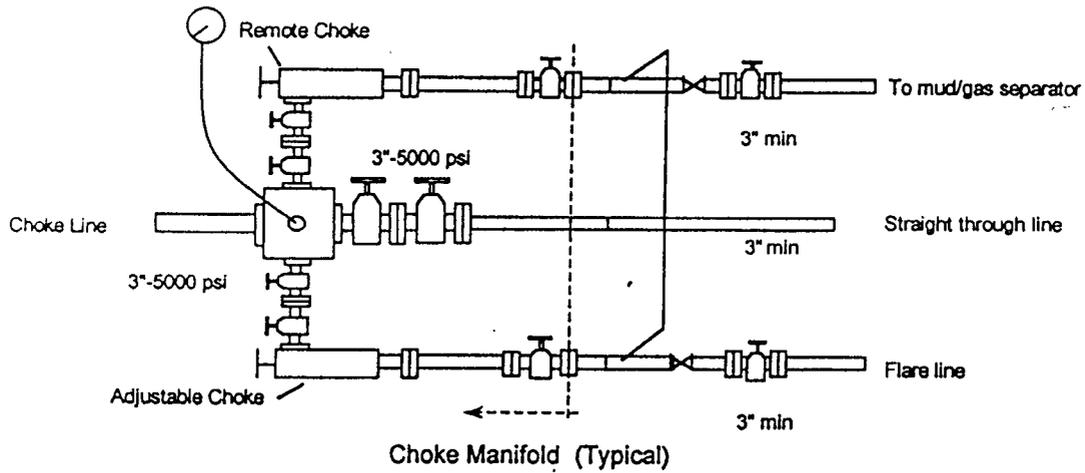
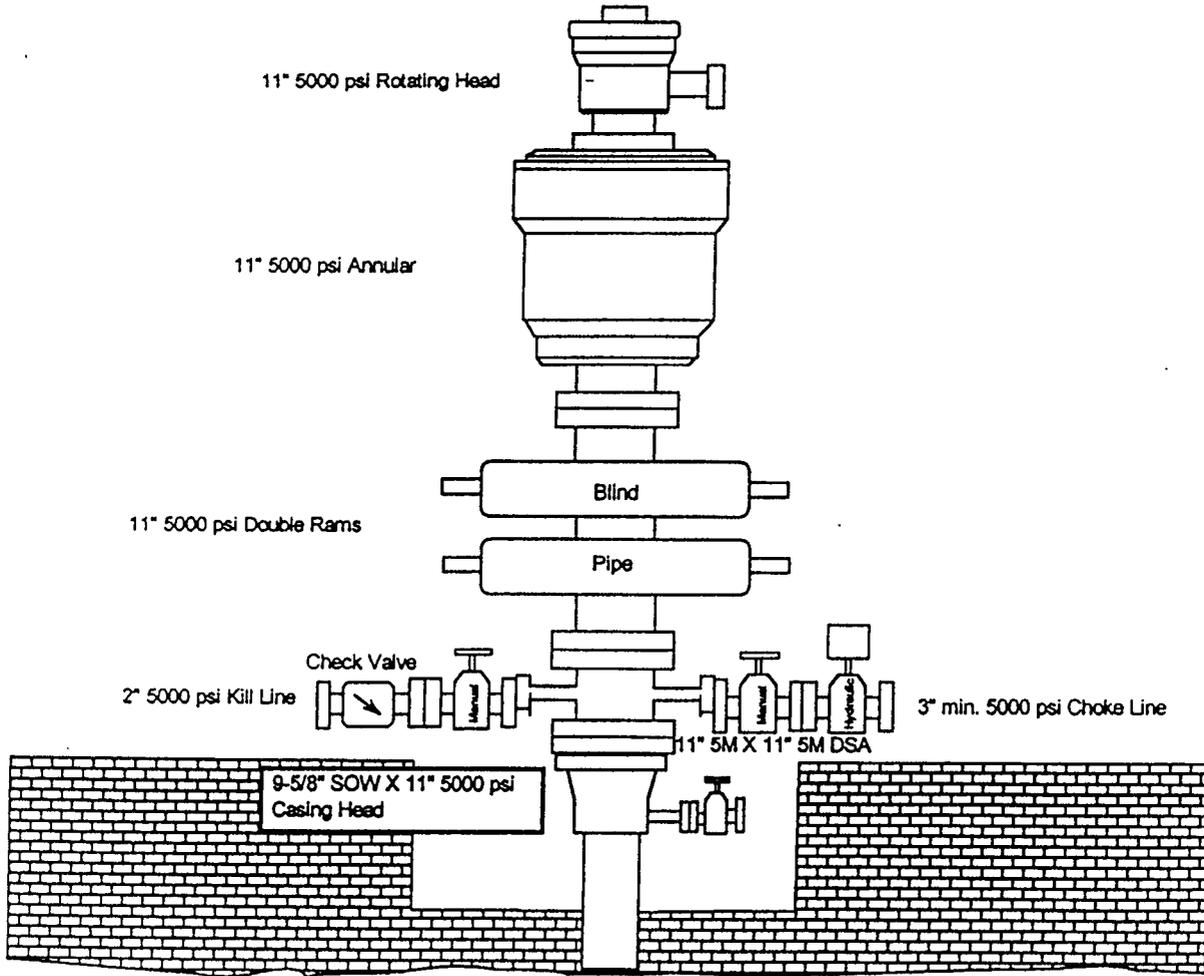
	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
	7"	Premium Lite High Strength	825 sks +/-	2.02 cf/sx	26# ppf

5. BOP and Pressure Containment Data:

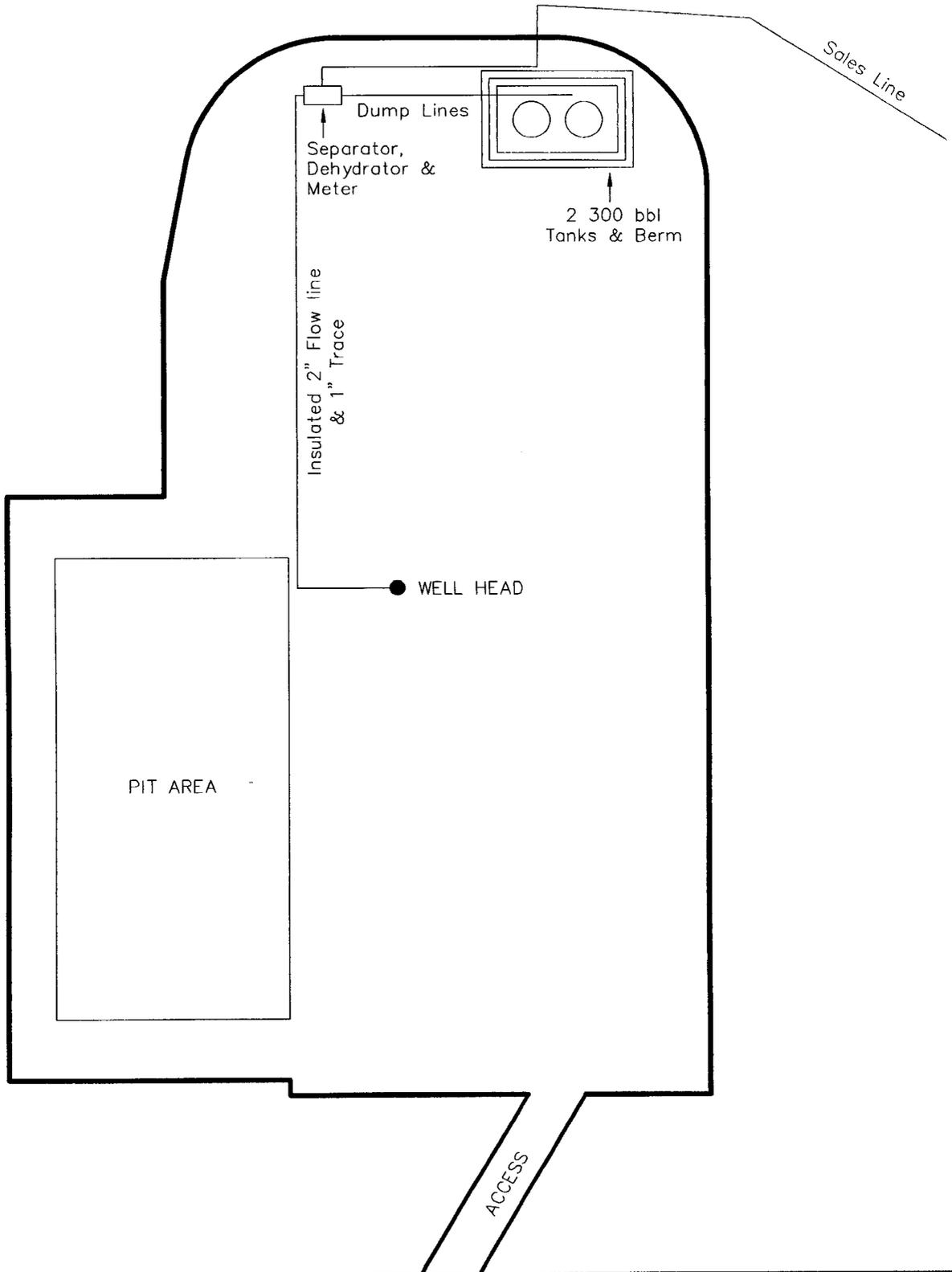
The anticipated bottom hole pressure will be less than 5000 psi.

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. 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.

BOPE Diagram 5000 psi WP



TYPICAL PRODUCTION LAYOUT



CABOT OIL AND GAS
13 POINT SURFACE USE PLAN
FOR WELL
MCKENNA 14-14
LOCATED IN NE ¼ NE ¼
SECTION 14, T.29S, R24E, S.L.B.&M.
SAN JUAN COUNTY, UTAH
LEASE NUMBER: FEE
SURFACE OWNERSHIP: FEE

1. Existing Roads:

To reach Cabot Oil & Gas Co. well McKenna 14-14 in Section 14, T29S, R 24E, starting in La Sal, Utah:

Proceed in an easterly direction from La Sal, UT along State Highway 46 approximately 0.4 miles to the junction of the Copper Mill Road (County Road 1531). Exit right and proceed in an easterly, then southerly direction along the Copper Mill Road approximately 1.2 miles to the junction of the Wilcox Road (County Road 150). Exit right and proceed in a southwesterly direction along the Wilcox Road approximately 0.1 miles to the proposed access road. Follow road flags in a southerly direction approximately 3,370 feet to the proposed location.

Total distance from La Sal, Utah to the proposed well location is approximately 2.3 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 3,370' of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	3370 ft
B) Right of Way width	30 ft
C) Running surface	18 ft
D) Surface 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	Fee: Paul Redd
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 not be required.

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	None
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 **as per request of the Private Land Owner**. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

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.

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-improving 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 a private source in Section 8, T29S, R24E Permit # T-30139.

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	13.3 ft.
G) Max fill	3.0 ft.
H) Total cut yds.	4,760 cu yds
I) Pit location	West end
J) Top soil location	North & East ends
K) Access road location	North 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	Fee
Location	Fee
Pipeline	Fee

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, Crested Wheat 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 not been surveyed.

D) Water:

The nearest water is the East Coyote Wash, located approximately one mile to the South.

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 been off production for more than 90 days.

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.

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.

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.

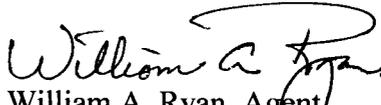
13. Lessees or Operator's representative and certification

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

Date 12-5-05


William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Date:

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

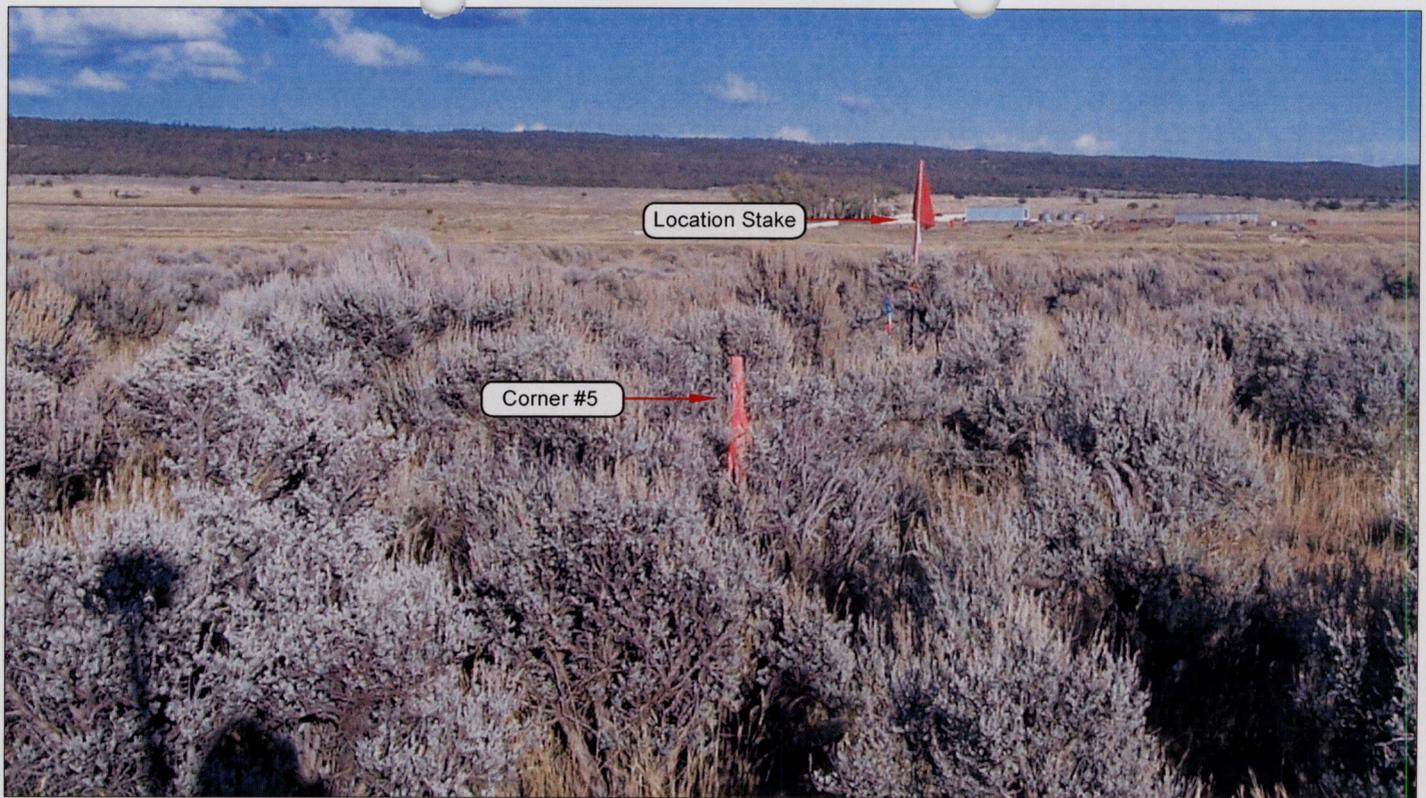


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHERLY

CABOT OIL AND GAS

McKenna 14-14
SECTION 14 , T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL

LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: B.J.Z.

DATE TAKEN: 10-24-05

DATE DRAWN: 11-07-05

REVISED:

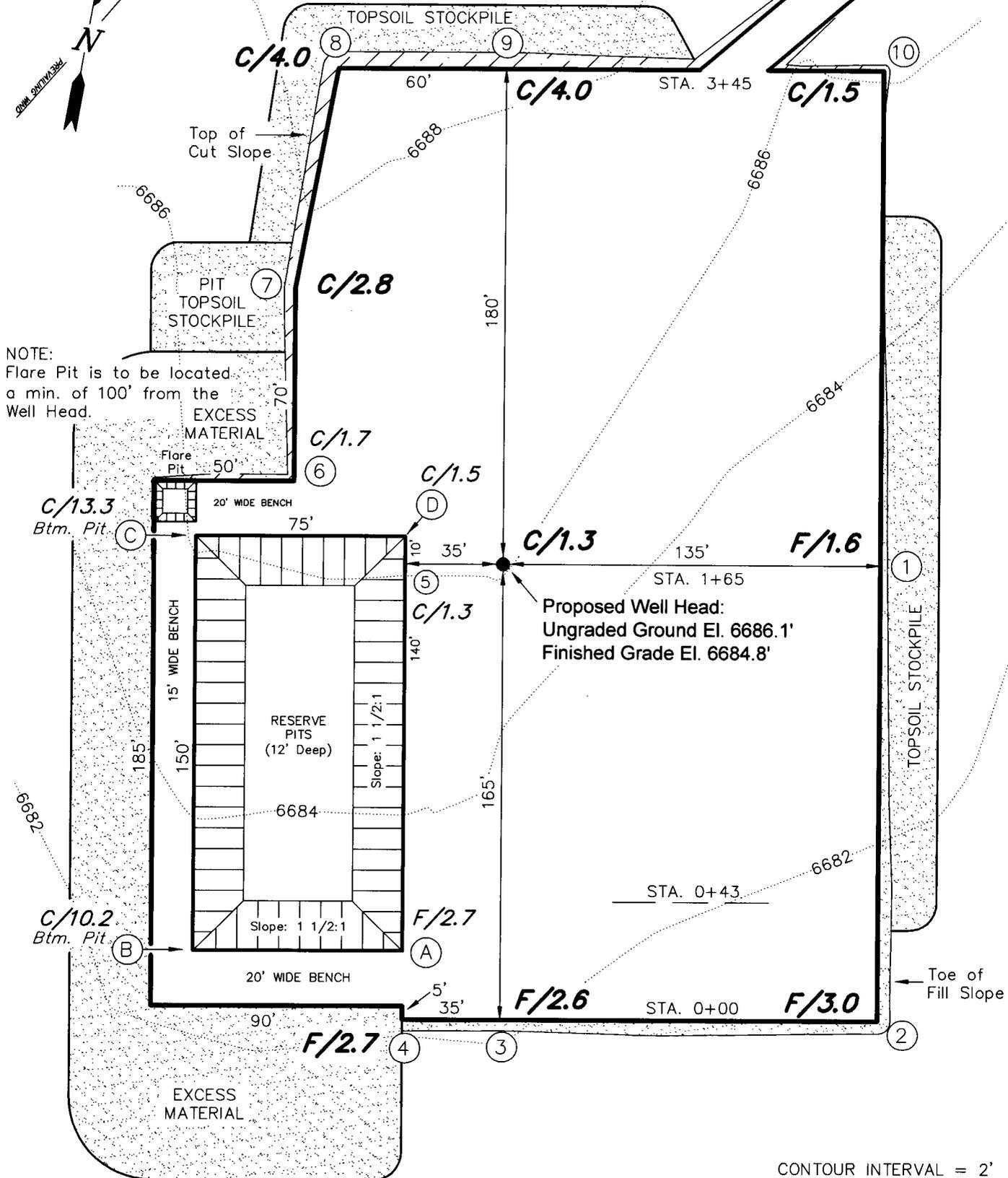
Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
1
OF 10

CABOT OIL AND GAS

CUT SHEET MCKENNA 14-14

PROPOSED
ACCESS ROAD



NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.

Proposed Well Head:
Ungraded Ground El. 6686.1'
Finished Grade El. 6684.8'

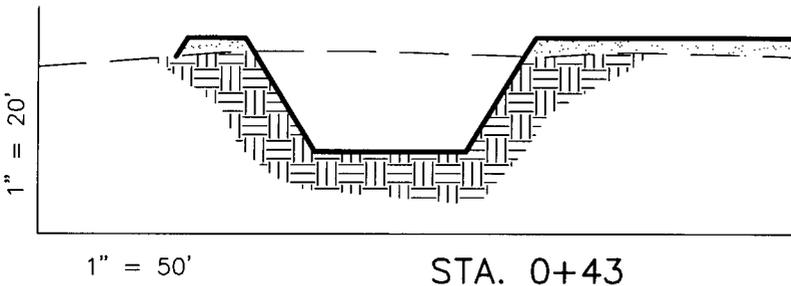
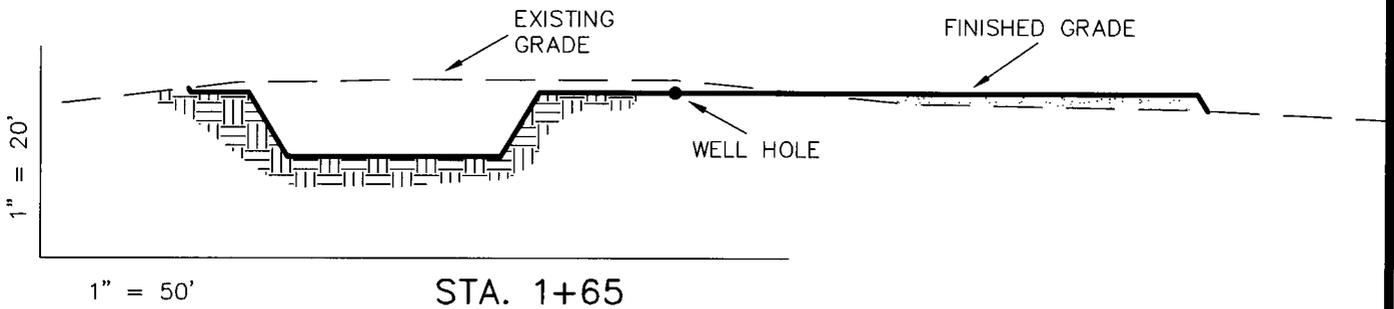
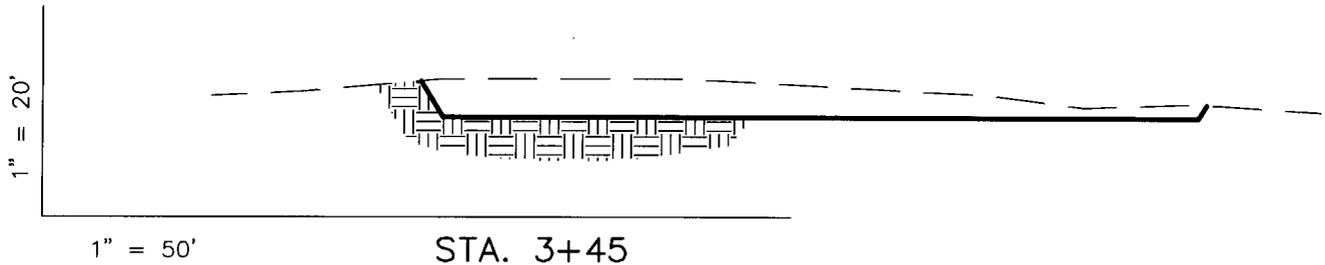
CONTOUR INTERVAL = 2'

Section 14, T29S, R24E, S.L.B.&M.		Qtr/Qtr Location: NE NE	Footage Location: 679' FNL & 607' FEL
Date Surveyed: 10-24-05	Date Drawn: 11-08-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET 3 OF 10

CABOT OIL AND GAS

CROSS SECTIONS

MCKENNA 14-14



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	1,420	3,090	Topsoil is not included in Pad Cut	-1,670
PIT	3,340	0		3,340
TOTALS	4,760	3,090	1,500	1,670

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

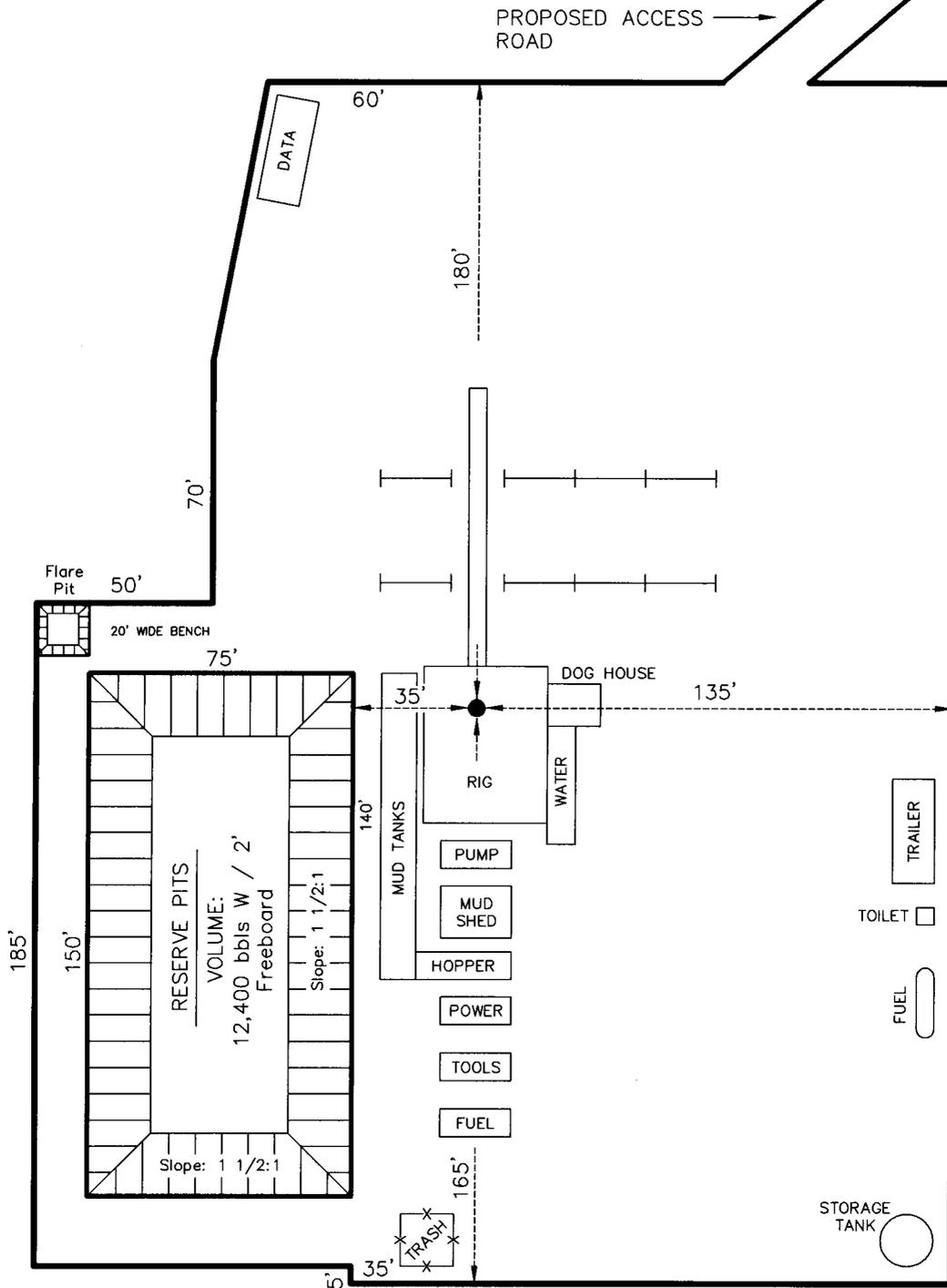
REFERENCE POINTS

- 185' NORTHEASTERLY = 6682.2'
- 235' NORTHEASTERLY = 6680.9'
- 230' NORTHWESTERLY = 6689.6'
- 280' NORTHWESTERLY = 6691.0'

Section 14, T29S, R24E, S.L.B.&M.		Qtr/Qtr Location: NE NE	Footage Location: 679' FNL & 607' FEL
Date Surveyed: 10-24-05	Date Drawn: 11-08-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET 4 OF 10

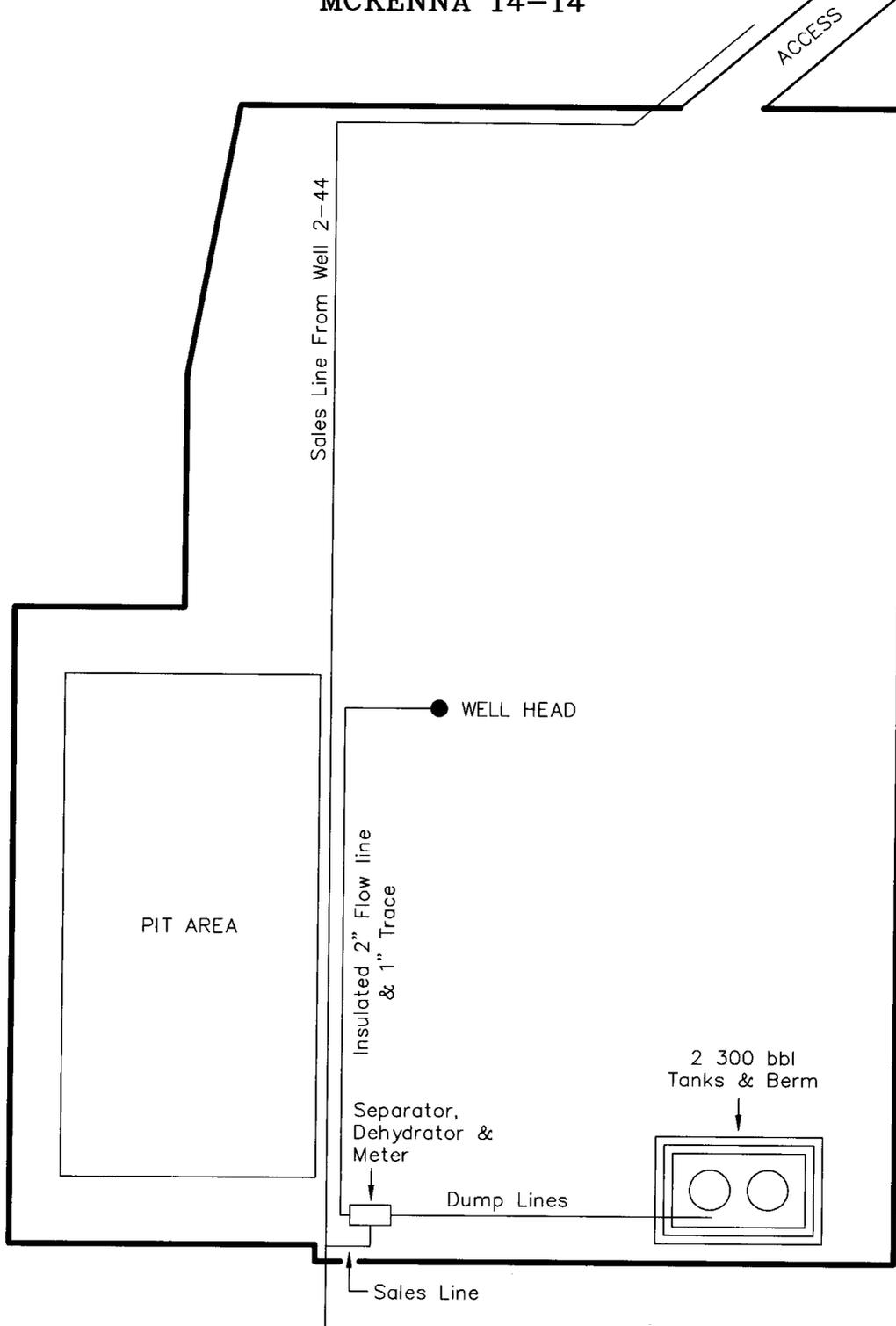
CABOT OIL AND GAS

TYPICAL RIG LAYOUT MCKENNA 14-14

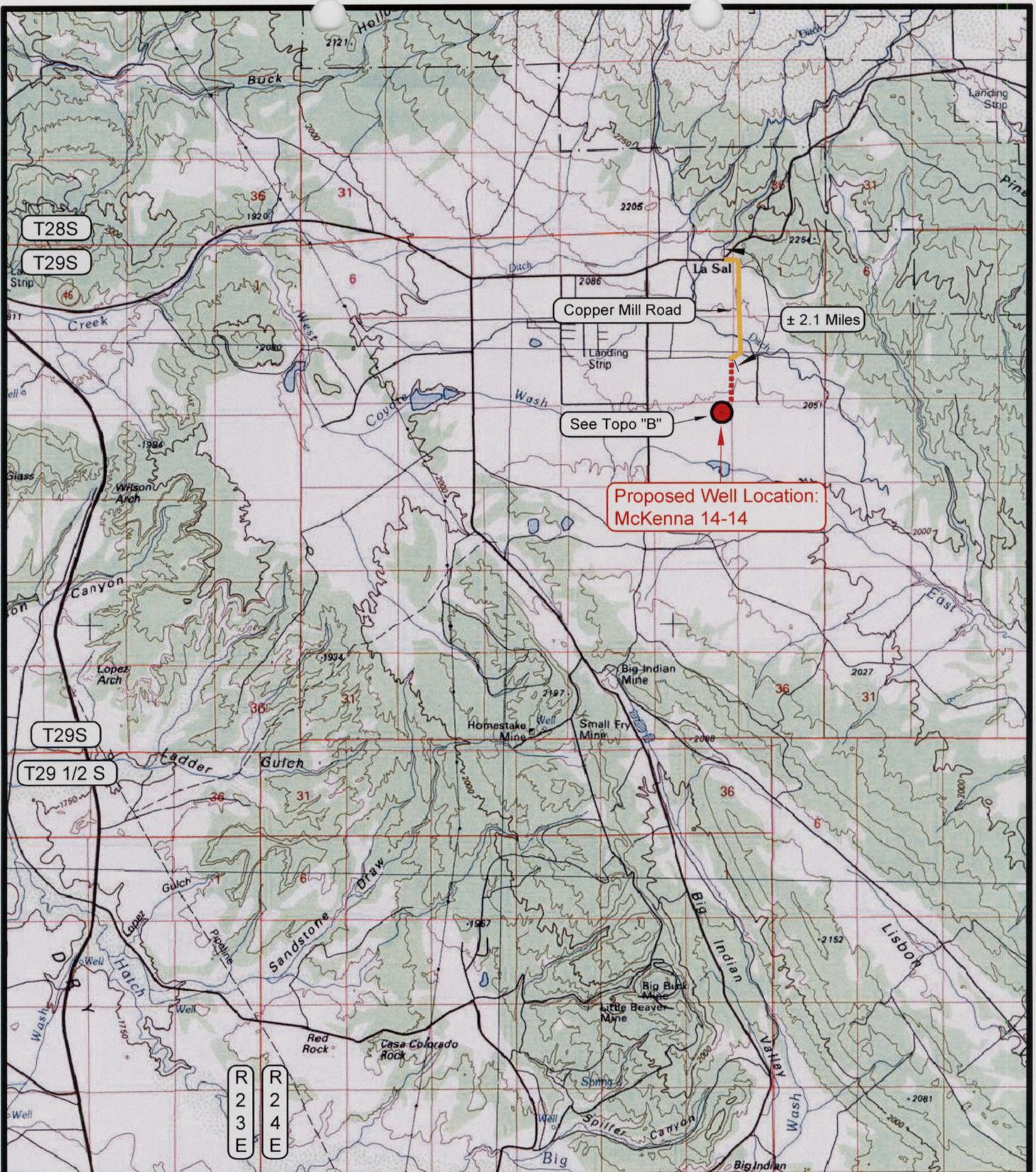


Section 14, T29S, R24E, S.L.B.&M.		Qtr/Qtr Location: NE NE	Footage Location: 679' FNL & 607' FEL
Date Surveyed: 10-24-05	Date Drawn: 11-08-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET 5 OF 10

CABOT OIL AND GAS
TYPICAL PRODUCTION LAYOUT
MCKENNA 14-14



Section 14, T29S, R24E, S.L.B.&M.		Qtr/Qtr Location: NE NE	Footage Location: 679' FNL & 607' FEL
Date Surveyed: 10-24-05	Date Drawn: 11-08-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> <small>38 WEST 100 NORTH VERNAL, UTAH 84078</small>
Surveyed By: B.J.S.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET 6 OF 10



LEGEND

- = PROPOSED WELL LOCATION
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- - - = PROPOSED ACCESS ROAD

TOPOGRAPHIC MAP "A"

SCALE: 1:100,000

DRAWN BY: B.J.Z.

DATE SURVEYED: 10-24-05

DATE DRAWN: 11-07-05

REVISED:

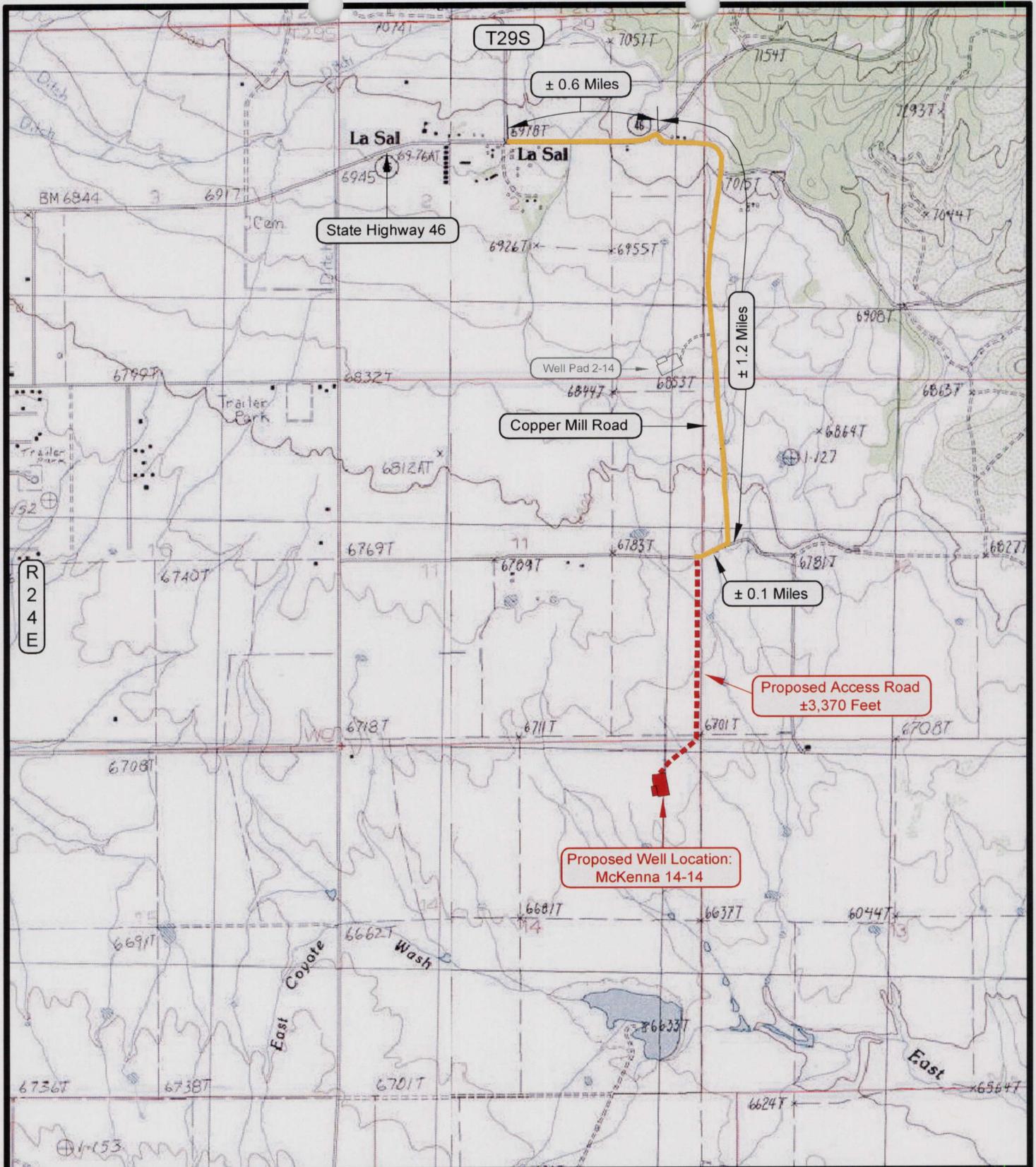
CABOT OIL AND GAS

McKenna 14-14
SECTION 14 , T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL

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

SHEET
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OF 10





LEGEND

- PROPOSED ACCESS ROAD
- - - - - = SUBJECT WELL
- - - - - = SHARED ACCESS
- - - - - = EXISTING ROAD
- - - - - = EXISTING ROAD (TO BE IMPROVED)
- - - - - = LEASE LINE AND / OR PROPERTY LINE

CABOT OIL AND GAS

McKenna 14-14
SECTION 14, T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 10-24-05

DATE DRAWN: 11-07-05

SCALE: 1" = 2000'

DRAWN BY: B.J.Z.

REVISED:

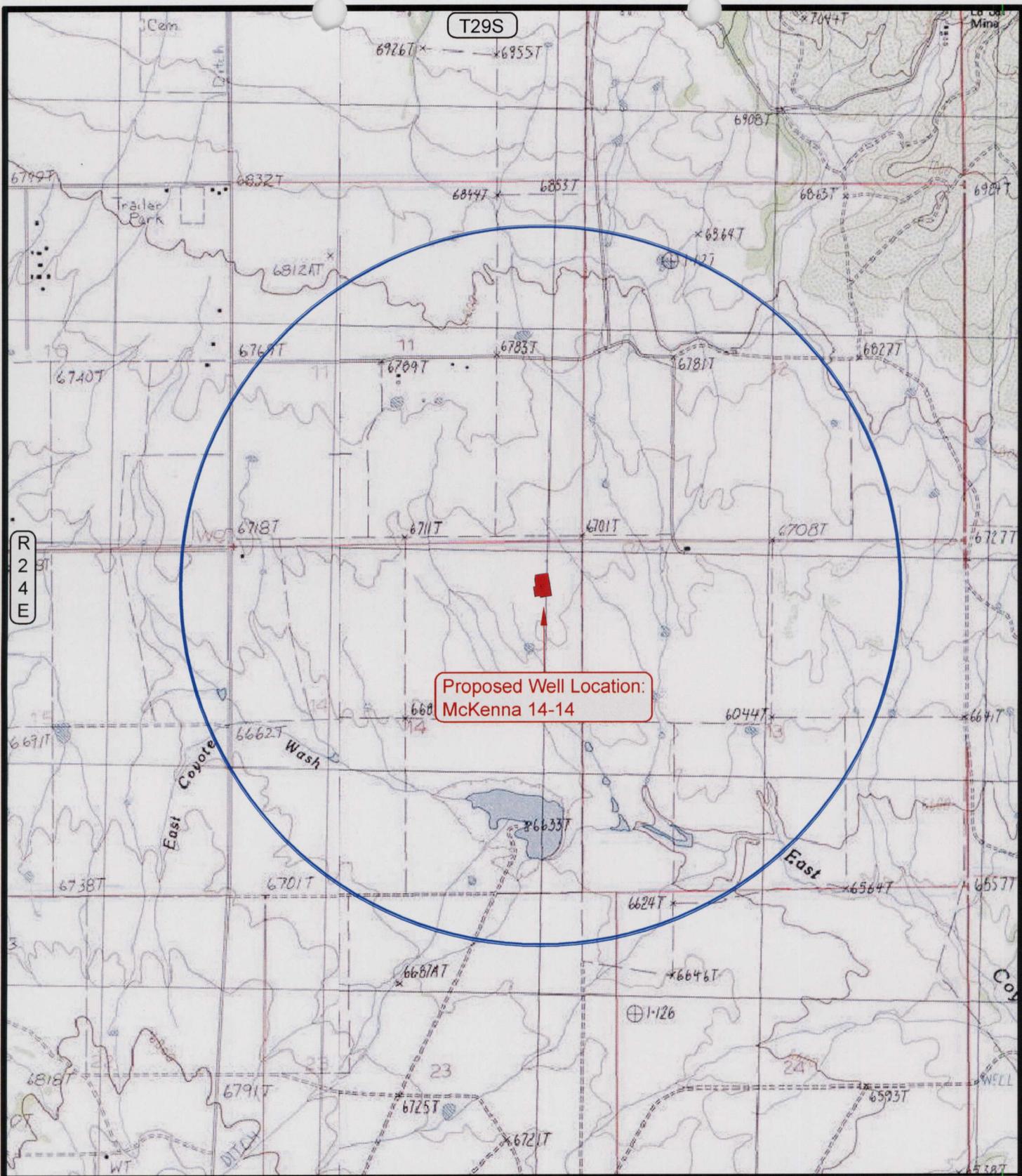
Timberline Land Surveying, Inc.

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

SHEET

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OF 10



Proposed Well Location:
 McKenna 14-14

LEGEND

- ∅ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊙ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 10-24-05
 DATE DRAWN: 11-07-05
 REVISED:

SCALE: 1" = 2000'

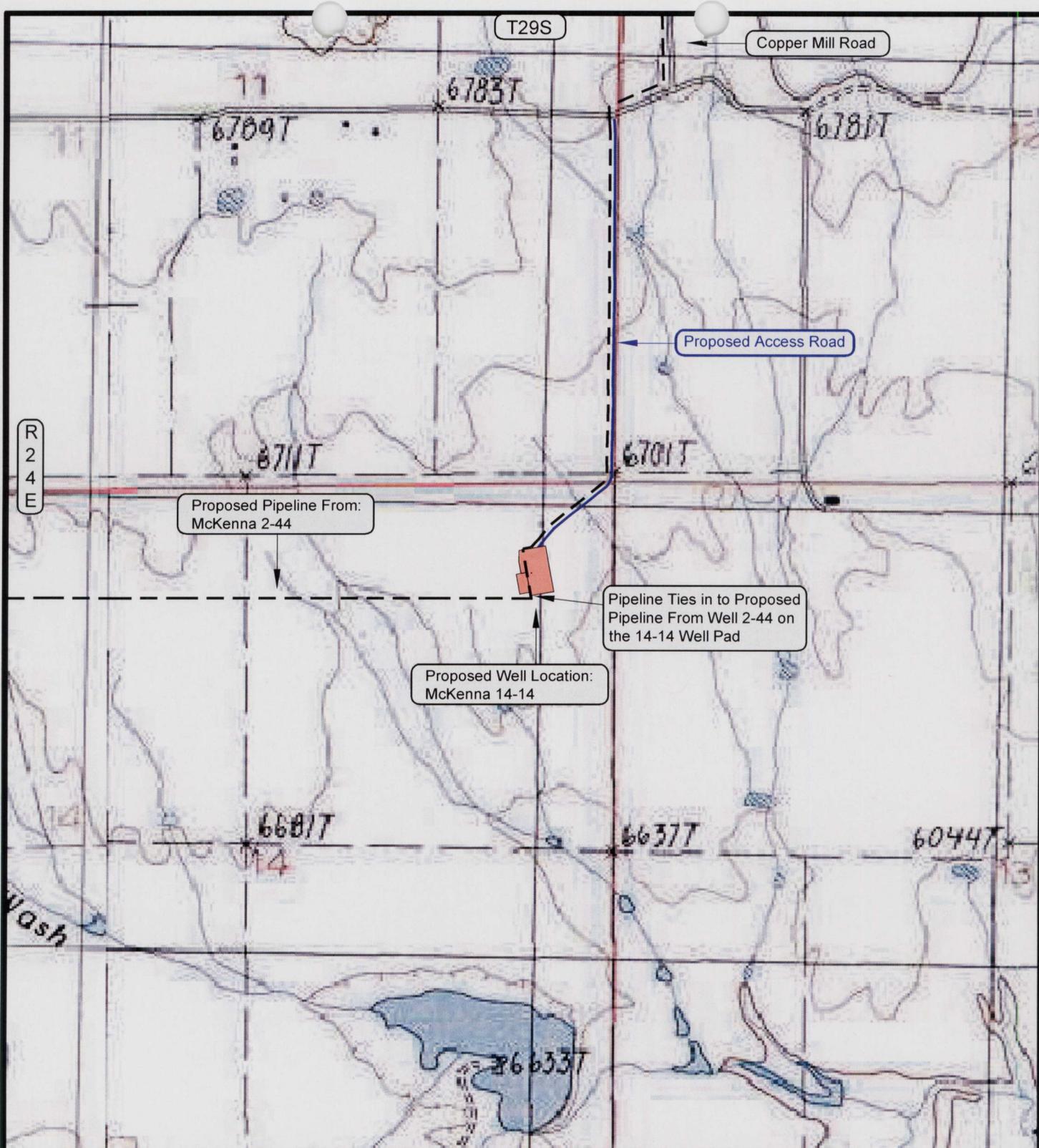
DRAWN BY: B.J.Z.

CABOT OIL AND GAS

McKenna 14-14
SECTION 14, T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL

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

SHEET
9
OF 10



APPROXIMATE PIPELINE LENGTH = 0 Feet

LEGEND

- = EXISTING PIPELINE
- = PROPOSED PIPELINE
- = PROPOSED ACCESS ROAD
- = LEASE LINE AND / OR PROPERTY LINE

CABOT OIL AND GAS

McKenna 14-14
SECTION 14, T29S, R24E, S.L.B.&M.
679' FNL & 607' FEL

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 10-24-05

DATE DRAWN: 11-07-05

SCALE: 1" = 1000'

DRAWN BY: B.J.Z.

REVISED:

Timberline Land Surveying, Inc.

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

SHEET

10

OF 10



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/07/2005

API NO. ASSIGNED: 43-037-31841

WELL NAME: MCKENNA 14-14
 OPERATOR: CABOT OIL & GAS CORP (N6345)
 CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

PROPOSED LOCATION:

NENE 14 290S 240E
 SURFACE: 0679 FNL 0607 FEL
 BOTTOM: 0679 FNL 0607 FEL
 SAN JUAN
 WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWR	1/30/06
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee
 PROPOSED FORMATION: DSCR
 COALBED METHANE WELL? NO

LATITUDE: 38.28627
 LONGITUDE: -109.2396

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0009662)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. T-30139)
- RDCC Review (Y/N)*
(Date: 12/28/2005)
- 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 Preson (01-10-06)

STIPULATIONS: 1- Spacing Strip
2- STATEMENT OF BASIS

T28S R24E

T29S R24E

3

2

1

MCKENNA 2-44

TXP-WILCOX 1-10

10

11

12

MCKENNA 14-14

15

14

13

OPERATOR: CABOT O&G (N6345)

SEC: 214 T. 29S R. 24E

FIELD: WILDC AT (001)

COUNTY: SAN JUAN

SPACING: R649-3-2 / GENERAL SITING

Field Status

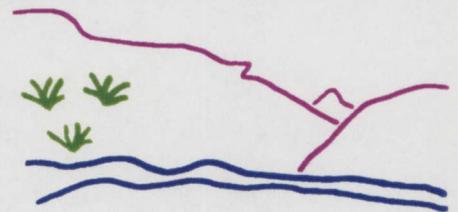
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

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: 12-DECEMBER-2005

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: Cabot Oil and Gas
WELL NAME & NUMBER: Mckenna 14-14
API NUMBER: 43-037-31841
LOCATION: 1/4,1/4 NENE: Sec 14 TWP: 29 RNG: 24 679 FNL 607 FEL

Geology/Ground Water:

This location is situated on moderately permeable soil formed on mixed Quaternary-age eolian or alluvial deposits covering either the Cretaceous-age Burro Canyon Formation or the Dakota Sandstone. Within a mile of this location it appears that 9 underground water rights have been filed covering water wells ranging from 60' to 335' deep. The subject well is proposed to use a benign fresh water mud system to 2,600' (base of the Wingate Sandstone of the Glen Canyon Group according to their prognosis) and subsequently surface case into the upper Wingate Sandstone and convert to a low solids non-dispersed mud system below that depth. The subject location is relatively near the Lisbon Valley fault system so the area may present fracture permeability, lost circulation and a significant quantity of high quality groundwater may be encountered. I propose that the operator be required to extend their surface string into the upper Chinle Formation. If this is done the surface casing and cementing program is more likely to adequately isolate any zones of fresh water that may be penetrated.

Reviewer: Christopher J. Kierst **Date:** 1/24/06

Surface:

On-site conducted January 10, 2006. In attendance: Bart Kettle (DOG M), Ginger Stringham (Paradigm Consulting, Inc), Kolby Kay (Timberline Land Surveying, Inc), Charles Redd (Surface owner) Paul Redd (Surface owner).

Access road is to follow eastern property boundary, this will require that two culverts be installed along irrigation ditch and that the ditch be re-aligned in several locations to follow the eastern shoulder of the road. No Surface Use Agreement has been signed at the time of the onsite visit. Surface owner requested that reserve pit be fenced to prevent access by livestock. Reserve pit will be fence on three sides while the rig is on location and on all four sides immediately upon remove of the drilling rig until closed.

Reviewer: Bart Kettle **Date:** January 13, 2006

Conditions of Approval/Application for Permit to Drill:

1. Reserve pit fenced on three sides during drilling, fourth side fenced upon completion of drilling.
2. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
3. Extend surface casing to set into the upper Chinle Formation.

STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or December 27, 2005
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Cabot Oil and Gas proposes to drill the Mckenna 14-14 well (wildcat) on a Fee lease Fee, San Juan County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 679' FNL 607' FEL, NE/4 NE/4, Section 14, Township 29 South, Range 24 East, San Juan County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: December 13, 2005

From: Robert Clark
To: Whitney, Diana
Date: 12/20/2005 4:08:49 PM
Subject: RDCC comments

Cabot 14-14
6026

The following comments on **RDCC #6018 - 6028** are being sent directly to DOG&M due to their short turn around times.

RDCC #6018 - 6022, #6027, & #6028, comments begin: The proposed Houston Exploration well drilling projects in Uintah County may require permits, known as Approval Orders, from the Utah Division of Air Quality if any compressor stations are constructed at the sites. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed projects are also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the projects. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #6023, #6025, & #6026, comments begin: The proposed Cabot Oil and Gas well drilling projects in San Juan County may require permits, known as Approval Orders, from the Utah Division of Air Quality if any compressor stations are constructed at the sites. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed projects are also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the projects. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #6024, comments begin: The proposed Delta Petroleum well drilling project in Grand County may require a permit, known as Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

Robert Clark
Utah Division of Air Quality
536-4435

CC: Mcneill, Dave; Wright, Carolyn

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Wildlife Resources**

JAMES F. KARPOWITZ
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 20, 2005

Gil Hunt
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Subject: RDCC Project 6026, Application for Permit to Drill Mckenna 14-14 well

Dear Mr. Hunt:

The Utah Division of Wildlife Resources has reviewed the subject document, and we provide the following comments:

We are concerned that the proposed action will result in impacts to Gunnison sage grouse habitat and mule deer. This location is within crucial winter range of mule deer and Gunnison sage-grouse. Gunnison sage-grouse are thought to have been extirpated from this area however; they have been sighted in the area within the last 10 years. Further, the Gunnison Sage-Grouse Recovery Plan stresses the importance of keeping habitat intact.

To minimize impacts to wildlife we recommend that our winter drilling restrictions for big game (December 1st -April 15th) be followed. In addition, we would recommend that the operator avoid placing the well pad in sagebrush parks or openings to reduce habitat loss and fragmentation of crucial habitat for both mule deer and Gunnison sage grouse. We are available to meet with the operator to help site the drill location to minimize impacts to wildlife while trying to meet resource extraction needs.

Mitigation should be accomplished by completing a habitat restoration project to compensate for both ground and noise disturbance to wildlife.

Thank you for the opportunity to review this proposed action and provide comment. If you have any questions, please call Nathan Sill, Wildlife biologist, at our Price office (435-636-0283).

Sincerely,

Derris Jones
Regional Supervisor

DRJ/nss

Page 2
January 5, 2006
Subject:

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

JERRY McNEELEY
CHAIRMAN

WILLIAM D. HOWELL
EXECUTIVE DIRECTOR



375 SOUTH CARBON AVE.
P.O. DRAWER 1106
PRICE, UTAH 84501
(435) 637-5444
FAX (435) 637-5448

AREA WIDE CLEARINGHOUSE REVIEW

Federal Action _____ State Action x Approved (x) Yes () No

Other (indicate) _____

Applicant Address:

Oil, Gas and Mining

1594 West North Temple, #1210

SLC, UT 84114-5801

Name/Phone #

Diana Whitney 801-538-5312

Title/Project Description

Application for Permit to Drill - Cabot Oil and Gas proposes to drill the

McKenna 14-14 well (wildcat) on a Fee lease Fee, San Juan County, UT located at 679' FNL 607' FEL,

NE/4 NE/4, Sec. 14, TS29S, R24E, San Juan County, UT.

[] No Comment

[] See comment below

Comments: Favorable comment recommended.

Lorraine Berryhill
SEUALG

1/19/06

DATE

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Cabot Oil and Gas
WELL NAME & NUMBER: Mckenna 14-14
API NUMBER: 43-037-31841
LEASE: State **FIELD/UNIT:** _____
LOCATION: 1/4,1/4 NENE Sec: 14 TWP: 29S RNG: 24E 679 FNL 607 FEL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): X =653970 E; Y =4238837 N SURFACE OWNER: Fee

PARTICIPANTS

Bart Kettle(DOGM), Ginger Stringham (Paradigm Consulting, Inc), Kolby Kay (Timberline Land Surveying, Inc), Charles Redd (Surface owner) and Paul Redd (Surface owner).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is ~2.3 miles southeast of La Sal, San Juan County, Utah. Areas surrounding the proposed well are a series of rough broken up sandstone ledges, wide relatively flat valley floors and occasional agriculture fields. Pinyon/Juniper and Wyoming sage communities that have been chained and seeded with crested wheatgrass dominate the general area. Access to this well will be along existing roads with approximately 3370' of newly constructed access road. Drainage is to the southeast entering the Dolores River ~15 miles away. Ground cover is moderate to low, and soils are prone to erosion when vegetation is disturbed.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife and Livestock grazing

PROPOSED SURFACE DISTURBANCE: 345' x 260'

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: None

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Production facilities such as separators, dehydrators, flow meters and tanks will be located on-site.

SOURCE OF CONSTRUCTION MATERIAL: On-site

ANCILLARY FACILITIES: None required

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Drilling at this location is not expected to generate significant public concern.

WASTE MANAGEMENT PLAN:

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

portable chemical toilet will be supplied for human waste.

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. No produced fluids will be allowed into the reserve pit, a temporary tank will be required to collect these fluids.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: One intermittent wash will be crossed by access road. Water in wash are runoff and sub water coming from a hay field located to the north. Access road also crossed an irrigation ditch multiple times. Two culverts are planned, along with re-aligning the ditch in several locations. Pad construction may increase short-term sediment loads into East Coyote Wash, but is not expected to alter drainage function or long-term sediment loading.

FLORA/FAUNA: Mule Deer, elk, rabbits, songbirds, lizards, snakes and raptors.

Grasses: Crested wheatgrass and wiregrass spp. Forbs: None noted. Shrubs: Wyoming Sage, Douglas rabbit brush, greenstem rubber rabbit brush. Trees: None noted. Other: Prickly pear cactus.

SOIL TYPE AND CHARACTERISTICS: Eolian deposits, reddish orange silty sand.

SURFACE FORMATION & CHARACTERISTICS: Eolian deposits. Sloping sandstone ridges, and wide predominantly flat valleys with deep soils.

EROSION/SEDIMENTATION/STABILITY: Location is in a depositional zone for wind blown soils; soils are prone to wind and water erosion when disturbed. All soils are subject to erosion during rain events sufficient to create flows.

PALEONTOLOGICAL POTENTIAL: None noted

RESERVE PIT

CHARACTERISTICS: 150'x75'x12'

LINER REQUIREMENTS (Site Ranking Form attached): Liner Required

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement

SURFACE AGREEMENT: Surface agreement has not been signed at the time of onsite visit.

CULTURAL RESOURCES/ARCHAEOLOGY: Cultural resource inventory completed and report filed.

OTHER OBSERVATIONS/COMMENTS

Surface owner requested that access road be left along property boundary and that irrigation located along access road be re-aligned to sit along the east side of road. Two culverts will be placed along road where re-alignment of irrigation ditch is not possible due to a gully crossing. Surface owner, or lessee will determine seed mixture to be used for reclamation. At the time of onsite visit a surface use agreement has not yet been signed.

ATTACHMENTS

Photos of this location were taken and placed on file.

Bart Kettle
DOGM REPRESENTATIVE

January 13, 2006, 2:05 P.M.
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u> 0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u> 0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u> 0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u> 0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u> 20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u> 5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u> 0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u> 5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u> 0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u> 0</u>

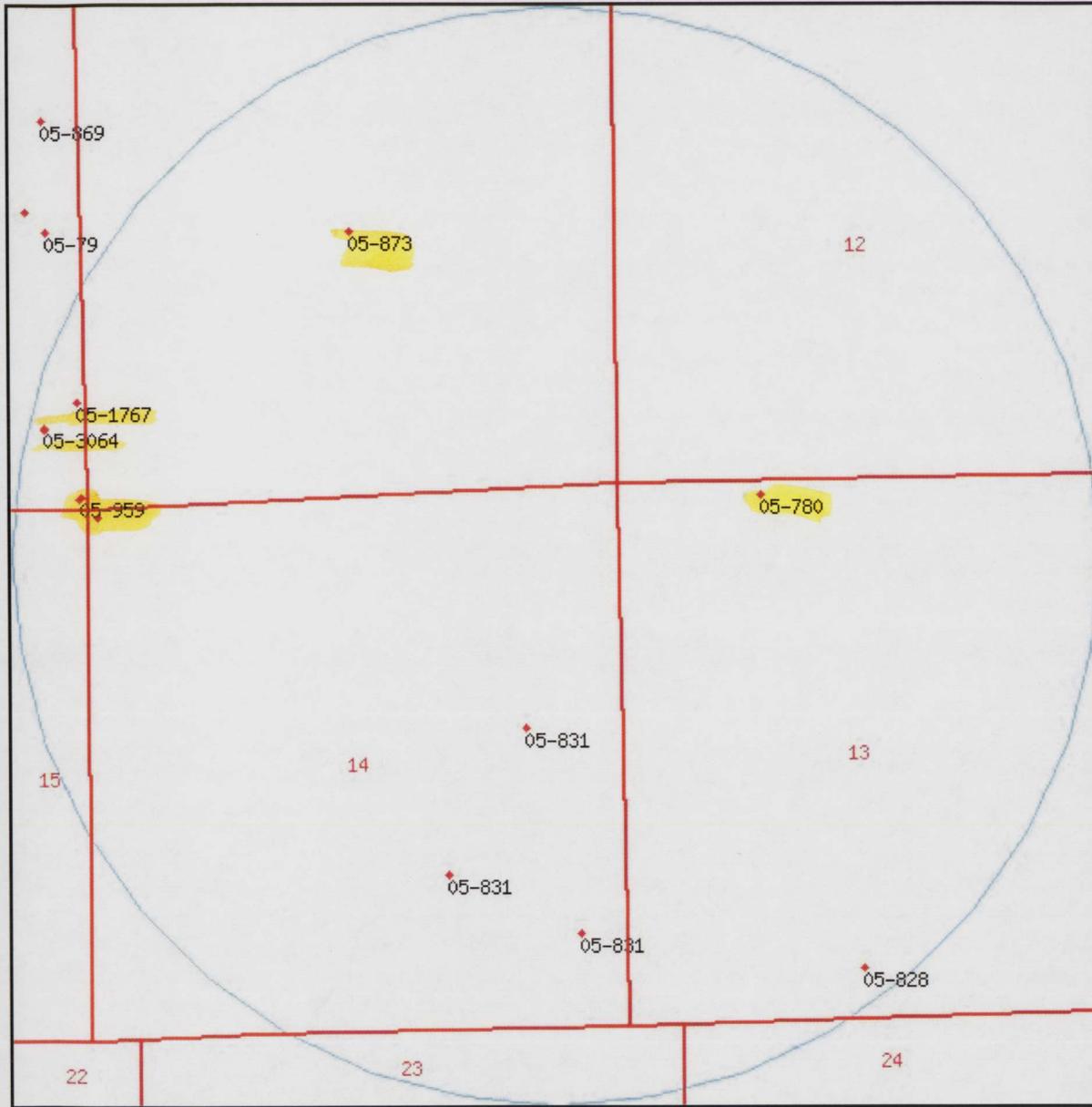
Final Score 30 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





0 700 1400 2100 2800 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
05-1767	Underground S1661 W50 E4 10 29S 24E SL	<u>well info</u> 104' TD	P	19800606	DI	0.015	0.000	CHANDLER OIL AND GAS COMPANY 815 KEARNS BUILDING
05-2606	Underground N652 W312 SE 10 29S 24E SL	<u>well info</u> 280' TD	P	20020311	DI	0.000	0.542	JODY PATTERSON P.O. BOX 644
05-2761	Underground N660 W310 SE 10 29S 24E SL		A	20050506	DIS	0.000	4.510	LAURIE JACOBSON 6118 NORTH 10TH AVENUE
05-3064	Underground N660 W310 SE 10 29S 24E SL		A	20050705	DIS	0.000	4.506	JEREMY R. & LEEYLA MARTINEZ 16 N. MOUNTAIN VIEW DRIVE
05-597	Underground S195 E200 NW 14 29S 24E SL		P	19330200	DI	0.009	0.000	EDD E. PROVONSHA LASAL UT 84530
05-598	Underground S10 E30 NW 14 29S 24E SL		P	19341014	DS	0.031	0.000	EDD E. PROVONSHA LASAL UT 84530
05-779	Underground S2610 W360 NE 10 29S 24E SL		P	19700908	DIS	0.050	0.000	ROBERT S. AND MARY R. WILDMANN 41732 NORTH ROLLING GREEN WAY
05-780	Underground S100 E1390 NW 13 29S 24E SL	<u>well info</u> 200' TD	P	19700910	DIS	0.019	0.000	SANDRA WILCOX WOODRING P.O. BOX 86
05-79	Underground S25 W342 E4 10 29S 24E SL	<u>well info</u> 60' TD	P	19530211	DIS	0.051	0.000	J. REED LARSEN 2801 NILA WAY
05-828	Surface		U	19711004	IOS	0.000	2000.000	MAX WILCOX

	N559 E2288 SW 13 29S 24E SL				LASAL UT 84530
<u>05-831</u>	Surface	P	19710319 IOS	1.000 0.000	REDD RANCHES
	N1463 W1770 SE 14 29S 24E SL				PARADOX CO 81429
<u>05-831</u>	Surface	P	19710319 IOS	1.000 0.000	REDD RANCHES
	N2873 W1014 SE 14 29S 24E SL				PARADOX CO 81429
<u>05-831</u>	Rediversion	P	19710319 IOS	1.000 0.000	REDD RANCHES
	N900 W475 SE 14 29S 24E SL				PARADOX CO 81429
<u>05-869</u>	Underground	<u>well info</u>	P	19720622 DIS	0.050 0.000
	S1725 W200 NE 10 29S 24E SL				SANDRA WHARTON P.O. BOX 73
<u>05-873</u>	Underground	<u>well info</u>	P	19720828 DIS	0.090 0.000
	S30 E2590 W4 11 29S 24E SL				REDD RANCHES PARADOX CO 81429
<u>05-959</u>	Underground	<u>well info</u>	P	19310000 DIS	0.100 0.000
	0 E45 NW 14 29S 24E SL				REDD RANCHES P.O. BOX 326

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State Online Services

Agency List

Business.utah.gov

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UTAH DIVISION OF WATER RIGHTS

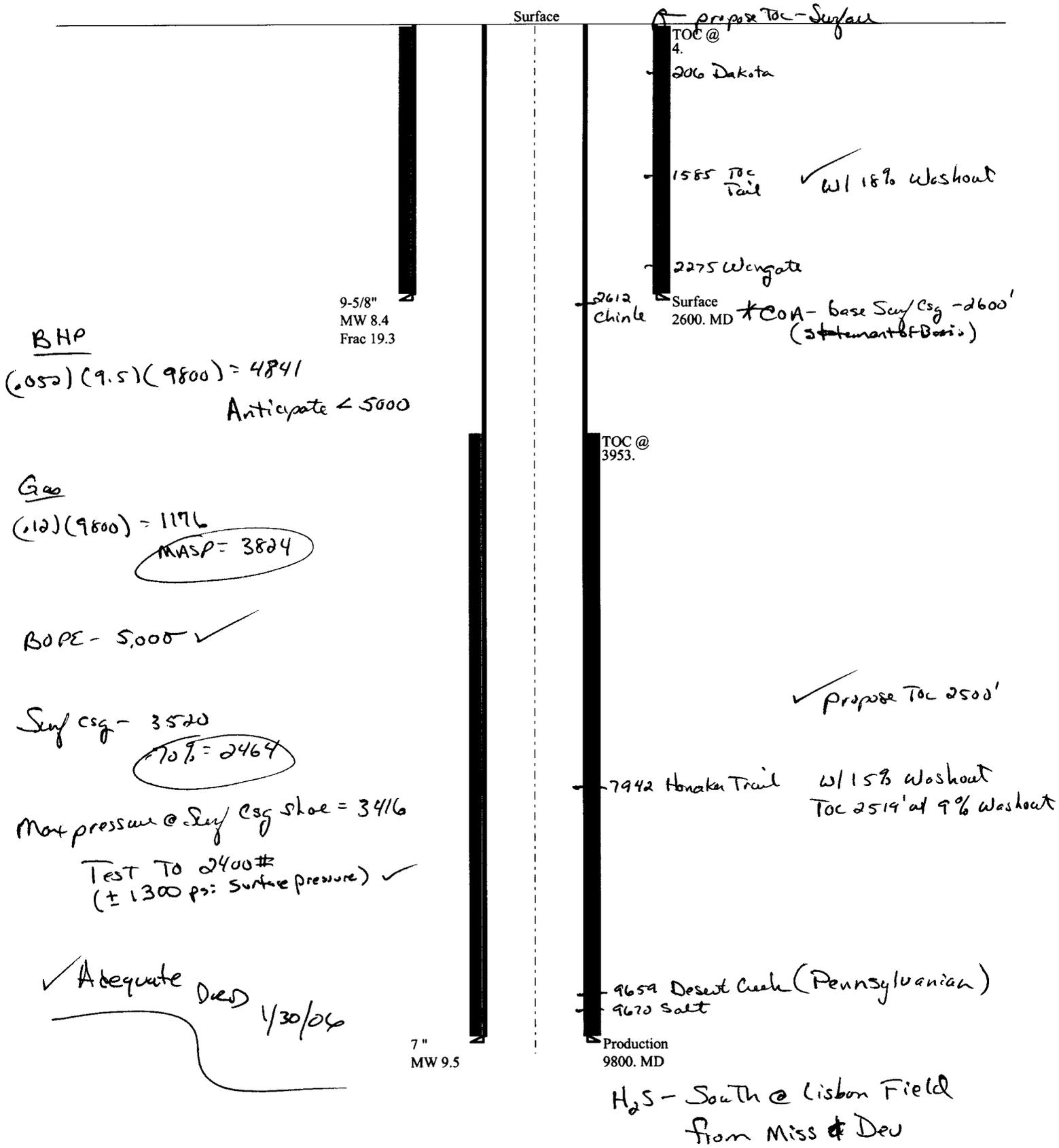
WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 01/20/2006 05:20 PM

Radius search of 5280 feet from a point S679 W607 from the NE corner, section 14, Township 29S, Range 24E, SL b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all

01-06 Cabot McKenna 14-4

Casing Schematic



BHP

$$(0.52)(9.5)(9800) = 4841$$

Anticipate < 5000

Gas

$$(0.12)(9800) = 1176$$

$$\text{MASP} = 3824$$

BOPE - 5,000 ✓

Surf csg - 3520

$$70\% = 2464$$

Max pressure @ Surf csg shoe = 3416

Test TO 2400#
(± 1300 psi: Surface pressure) ✓

✓ Adequate DWD
1/30/06

Propose TOC - Surface

TOC @ 4.
206 Dakota

1585 TOC Tail ✓ w/ 18% Washout

2275 Wengate

2612 Chicle
Surface 2600. MD *COA - base Surf csg - 2600' (Stewart & Davis)

TOC @ 3953.

✓ Propose TOC 2500'

7942 Honaker Trail w/ 15% Washout
TOC 2519' at 9% Washout

9659 Desert Creek (Pennsylvanian)
9670 Salt

Production 9800. MD

H₂S - South @ Lisbon Field
from Miss & Dev

Well name:	01-06 Cabot McKenna 14-14	
Operator:	Cabot Oil and Gas	Project ID:
String type:	Surface	43-037-31841
Location:	San Juan County	

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 2,288 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 2,600 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

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)

Tension is based on buoyed weight.
 Neutral point: 2,277 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 101 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: 4 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,800 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 4,836 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,600 ft
 Injection pressure: 2,600 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	2600	9.625	36.00	J-55	LT&C	2600	2600	8.796	185.1
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	1135	2020	1.780	2600	3520	1.35	82	453	5.53 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 810-359-3940

Date: January 24, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2600 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. 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:	01-06 Cabot McKenna 14-14		
Operator:	Cabot Oil and Gas	Project ID:	43-037-31841
String type:	Production		
Location:	San Juan County		

Design parameters:

Collapse

Mud weight: 9.500 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: 202 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 3,953 ft

Burst

Max anticipated surface pressure: 3,660 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 4,836 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 buoyed weight.
 Neutral point: 8,396 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	9800	7	26.00	HCP-110	LT&C	9800	9800	6.151	513.7
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	4836	7800	1.613	4836	9950	2.06	218	693	3.17 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 810-359-3940

Date: January 24, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9800 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. 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.



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

January 30, 2006

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

Re: McKenna 14-14 Well, 679' FNL, 607' FEL, NE NE, Sec. 14, T. 29 South,
R. 24 East, San Juan 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 43-037-31841.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor

Operator: Cabot Oil & Gas Corporation
Well Name & Number McKenna 14-14
API Number: 43-037-31841
Lease: Fee

Location: NE NE **Sec.** 14 **T.** 29 South **R.** 24 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 Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

6. 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.

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

FORM 9

ORIGINAL

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
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.		8. WELL NAME and NUMBER: McKenna 14-14
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: 4303731841	
2. NAME OF OPERATOR: Cabot Oil & Gas Corporation	10. FIELD AND POOL, OR WILDCAT: Wildcat	
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 226-9443	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679' FNL & 607' FEL COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E STATE: UTAH		

CONFIDENTIAL

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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.

Based on the recent discovery of an abnormally pressured water flow zone expected from 3400' to 3900' in the subject well, the following changes to the previously approved drilling program are necessary. The drilling rig is presently on location and 60' of 16" conductor pipe has been set and cemented to surface.

- Spud well and drill a 14 3/4" pilot hole to 750'.
- Underream pilot hole from 14 3/4" to 17".
- Run 750' of 13 3/8" 61# K-55 BTC casing to 750' and cement to surface using 670 sx Type III cement (weight 14.5 ppg, yield 1.40 cf/sk)
- Install 13 5/8" 3K SOW head, NU and test BOP stack and surface equipment.
- Perform casing seat leakoff test equivalent to 12.5 ppg.
- Drill a 12 1/4" hole from 750' to 4000' (100' below the base of the water flow zone) weighting up the mud as necessary to control the water flow and provide adequate trip margin (maximum mud weight expected is 11.5 ppg).
- Run 4000' of 9 5/8" casing as follows:
 - o Bottom section - 2300' of 9 5/8" 40# N-80 LTC
 - o Top section - 2700' of 9 5/8" 36" J-55 LTC

COPY SENT TO OPERATOR
Date: 5/23/06
Initials: CUB

(Procedure continued on page 2)

NAME (PLEASE PRINT) Jean Arnold	TITLE Prod. Tech.
SIGNATURE <i>Jean Arnold</i>	DATE 5/23/2006

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5/23/06
BY: *[Signature]* (See Instructions on Reverse Side)

RECEIVED
MAY 24 2006

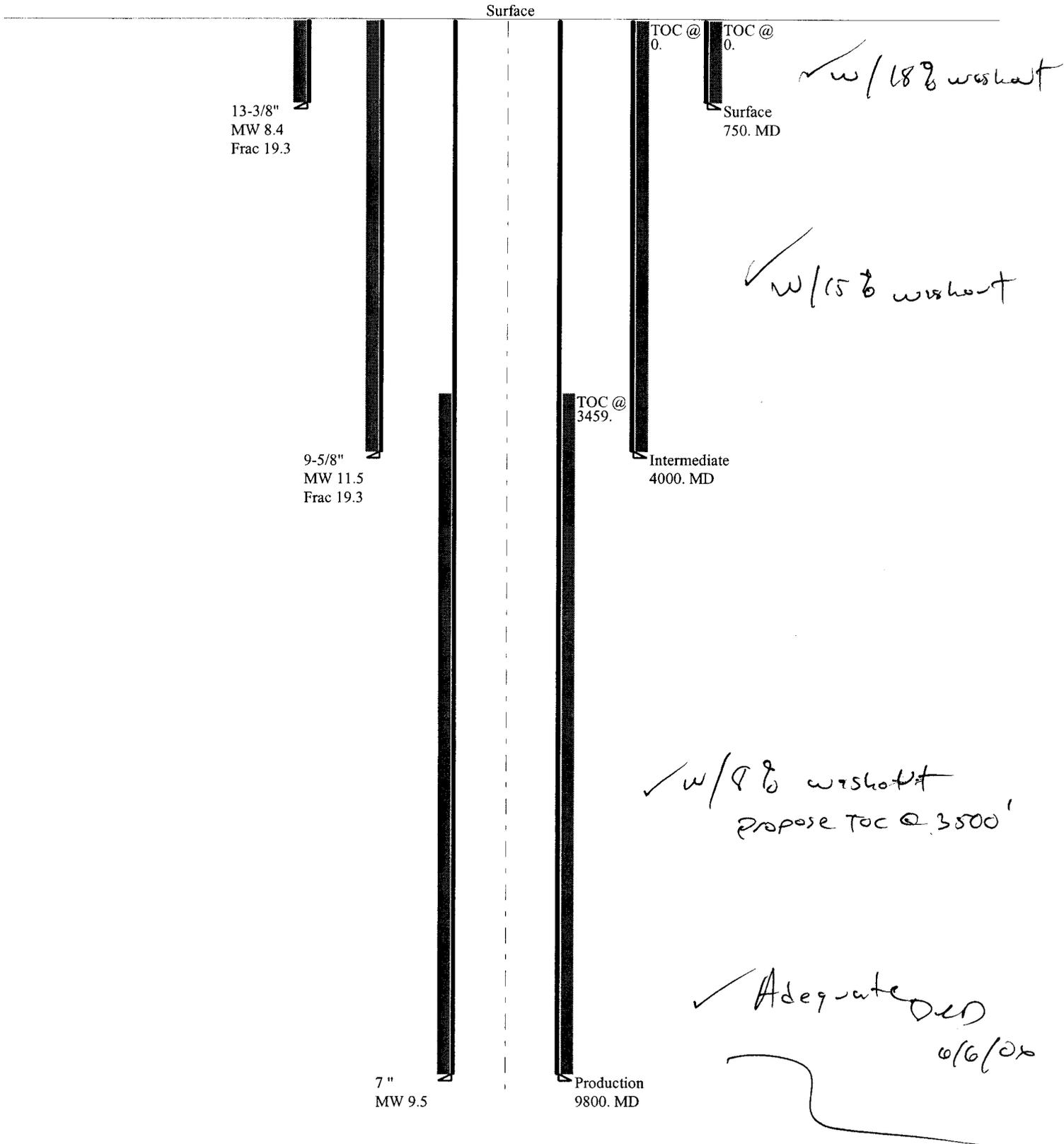
DIV. OF OIL, GAS & MINING

Page 2 Continued from Intent Sundry for McKenna 14-14

- Cement 9 5/8" casing to surface as follows:
 - Lead with 750 sx premium Lite FM (weight 12.0 ppg, yield 2.22 cf/sk)
 - Tail with 460 sx Type III cement (weight 14.5 ppg, yield 1.40 cf/sk)
- ND BOP stack, install 9 5/8" slip and seal assembly and install 13 3/8" 3K x 11" 5K midsection spool.
- NU and re-test BOP stack and surface equipment.
- Drill out of 9 5/8" casing with an 8 3/4" bit and continue with the remainder of the well plan previously submitted and approved.
- Due to the casing program revision, the 7" casing will now be cemented with 690 sx Premium Lite High Strength (weight 12.5 ppg, yield 2.02 cf/sk), equivalent to a top of cement at 3500' (500' inside the 9 5/8 casing).

06-06 Cabot McKenna 14-1...ev.

Casing Schematic



Well name:

06-06 Cabot McKenna 14-14rev.

Operator: **Cabot Oil and Gas**

String type: Intermediate

Project ID:

43-037-31841

Location: San Juan County

Design parameters:

Collapse

Mud weight: 11.500 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: 121 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 2,680 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,560 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 buoyed weight.
Neutral point: 3,364 ft

Re subsequent strings:

Next setting depth: 9,800 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,836 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,000 ft
Injection pressure 4,000 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)
2	2700	9.625	36.00	J-55	LT&C	2700	2700	8.796	192.3
1	1300	9.625	40.00	N-80	LT&C	4000	4000	8.75	103.4

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
2	1613	1996	1.238	3274	3520	1.08	124	453	3.66 J
1	2390	3090	1.293	3560	5750	1.62	27	737	27.74 J

Prepared by: Dustin K. Doucet
Utah Div. of Oil & Mining

Phone: 801-538-5281
FAX: 810-359-3940

Date: June 6, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4000 ft, a mud weight of 11.5 ppg. The casing is considered to be evacuated for collapse purposes. 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.

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

FORM 9

ORIGINAL

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: McKenna 14-14	
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.	9. API NUMBER: 4303731841	
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 226-9443	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679' FNL & 607' FEL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E		STATE: UTAH

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 checked="" type="checkbox"/> OTHER: <u>Daily well activity reports.</u>
	<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.

Daily activity reports reports are attached from 5-22-06 through 6-15-06.

NAME (PLEASE PRINT) <u>Jean Arnold</u>	TITLE <u>Prod. Tech.</u>
SIGNATURE	DATE <u>6-15-06</u>

(This space for State use only)

RECEIVED
JUN 19 2006

Well History

15-Jun-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: **73271**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430037001**

Project Type: 1-EXP DRILLING

05/27/2006 Current Depth: 2,166 Daily Cost: \$46,101 AFE Cost to Date: \$444,323

Current Status: DRILLING

Drill f/ 1145' to 1507', 362' / 7.5 hrs, 48.3 fph.

Drill f/ 1507' to 1790', 283' / 3.0 hrs, 94.3 fph.

Drill f/ 1790' to 2008', 218' / 6.0 hrs, 36.3 fph.

Drill f/ 2008' to 2152', 144' / 5.0 hrs, 28.8 fph.

Drill f/ 2152' to 2166', 14' / 0.5 hr, 28.0 fph.

SS Bit #1, 14.75", ss335, in @ 60', made 2106' in 56.5 hrs, ROP 37.3

MW 8.4, Vis 27

Survey:

MD Angle

1540 1.00

2152 1.00

05/28/2006 Current Depth: 2,646 Daily Cost: \$34,846 AFE Cost to Date: \$479,169

Current Status: CIRC & COND HOLE

Drill to f/ 2166' to 2544', 378' / 8.5 hrs, 44.5 fph.

Drill f/ 2544' to 2606', 62' / 2.5 hrs, 24.8 fph.

Drill f/ 2606' to 2646', 40' / 2.5 hrs, 16.0 fph.

Circ, pump sweep & slug.

Made wiper trip to BHA (slm. No correction). Hole tight 2-stands off bottom.

Circ & condition hole.

SS Bit #1, 14.75", ss335, in @ 60', out @ 2646', made 2586' in 70 hrs, ROP 36.9

MW 8.5, Vis 32

Survey:

MD Angle

2540 1.00

05/29/2006 Current Depth: 2,646 Daily Cost: \$28,872 AFE Cost to Date: \$508,041

Current Status: POOH, LD DP

POOH, LD 12 jts DP, mud motor & 14-3/4" bit.

PU & TIH w/ underreamer.

Ream 14-3/4" to 17" f/ 2202' to 2608'.

POOH, LD 13 jts DP & 24 jts HWDP.

MW 8.5, Vis 33

Survey:

MD Angle

2551 1.00

05/30/2006 Current Depth: 2,646 Daily Cost: \$25,216 AFE Cost to Date: \$533,257

Current Status: TIH W/ FISHING TOOLS

POOH w/ underreamer. Discovered one cone off reamer was left in hole.

Dress reamer w/ insert cones.

Ream f/ 65' to 68', had problems w/ reamer, arms not retracting fully.

POOH & take arms off reamer to check for problem. Have piston problem or broken spring, found part of spring (4")

on rig floor. Sent reamer to Smith International in Rock Springs for repair.

TIH w/ junk basket, fishing jars & bumper sub to fish reamer cone.

MW 8.6, Vis 30

Well History

15-Jun-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: 73271

Type: AA

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: 430037001

Project Type: 1-EXP DRILLING

05/31/2006 Current Depth: 2,646 Daily Cost: \$25,453 AFE Cost to Date: \$558,710

Current Status: WAIT ON UNDER REAMER

TIH w/ 12-1/4" junk basket to 2577', wash f/ 2577' to 2608'.
POOH & LD junk basket. Recovered (4) 5" chunks of cement.
TIH w/ 14-3/4" bit to 2573', wash to 2644' & tag fish.
Circ, pump sweep & slug, POOH.
TIH w/ magnet to 2644'.
Engage fish & chain out of hole. Recovered reamer cone.
Wait on under reamer/ 4 hrs.
MW 8.7, VIS 30

06/01/2006 Current Depth: 2,646 Daily Cost: \$45,734 AFE Cost to Date: \$604,444

Current Status: UNDER REAMING

Wait on under reamer from Smith/ 3-1/2 hrs.
PU reamer & check connections. Run DC & 26 jts HWDP in hole. POOH, LD to have singles.
TIH w/ under reamer. Open 14-3/4" hole to 17" f/ 68' to 130', 62' / 3.0 hrs, 20.7 fph w/ 5-7K# WOB & 55 RPM.
Open hole to 17" f/ 130' to 298', 168' / 9.0 hrs, 18.7 fph.
MW 8.6, Vis 30

06/02/2006 Current Depth: 2,646 Daily Cost: \$33,386 AFE Cost to Date: \$637,830

Current Status: UNDER REAMING

Open 14-3/4" hole to 17" f/ 298' to 381', 83' / 6.0 hrs, 13.8 fph, hard reaming w/ high torque.
Open hole to 17" f/ 381' to 512', 131' / 6.0 hrs, 21.8 fph.
Open hole to 17" f/ 512' to 770', 258' / 6.0 hrs, 43.0 fph.
Open hole to 17" f/ 770' to 1015', 245' / 6.0 hrs, 40.8 fph.

MW 8.5, Vis 30

06/03/2006 Current Depth: 2,646 Daily Cost: \$35,154 AFE Cost to Date: \$672,984

Current Status: UNDER REAMING

Open 14-3/4" hole to 17" f/ 1015' to 1133', 118' / 5.5 hrs, 21.5 fph.
Circ & pump sweep, POOH.
Check reamer cones & move jet nozzles to bottom of bull nose.
TIH & PU HWDP.
Open hole to 17" f/ 1133' to 1357', 224' / 6.0 hrs, 37.3 fph.
Open hole to 17" f/ 1357' to 1407', 50' / 1.5 hrs, 33.3 fph.
Open hole to 17" f/ 1407' to 1518', 111' / 3.5 hrs, 31.7 fph.
MW 8.5, Vis 30

06/04/2006 Current Depth: 2,646 Daily Cost: \$39,823 AFE Cost to Date: \$712,807

Current Status: UNDER REAMING

Open 14-3/4" hole f/ 1518' to 1545', 27' / 1 hr, 27.0 fph.
Open hole to 17" f/ 1545' to 1700', 155' / 5.0 hrs, 31.0 fph.
Open hole to 17" f/ 1700' to 1773', 73' / 4.5 hrs, 16.2 fph. Reaming slowed down & torque increased.
Circ, POOH & LD reamer, 1-cone had been sliding.
TIH w/ new reamer to 1773'.
attempt to ream, torque was too high.
POOH 2-stands at a time to find spot where hole was full gauge @ 743'.
Ream f/ 743' to 769'.
MW 8.4, Vis 28

Well History

15-Jun-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: **Cabot Oil & Gas Corporation** Artesia Number: 430037001

Project Type: 1-EXP DRILLING
06/05/2006 Current Depth: 2,646 Daily Cost: \$27,062 AFE Cost to Date: \$739,869
Current Status: WASH & REAM TO BOTTOM

Ream f/ 769' to 965'.
TOOH, LD Smith 2-arm reamer. PU Baker 3- arm reamer.
Ream f/ 77' to 84' & hit bridge, reamer would not pass. TOOH & LD reamer.
PU 14-3/4" bit & TIH. Work through tight spots @ 84', 265', 529' & 2356' / 2 hrs.
PU DP, wash & ream to 2515' w/ 7-10K# WOB & 70 RPM.
MW 8.4, Vis 28
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/06/2006 Current Depth: 2,646 Daily Cost: \$31,412 AFE Cost to Date: \$771,281
Current Status: RUN 13 3/8" CASING

Wash & ream w/ 14-3/4" bit f/ 2515' to 2646' / 1-1/2 hrs.
Circ & POOH.
PU under reamer. Check reamer action & change out shock subs.
Under ream f/ 76' to 95'.
POOH & LD reamer tools.
RU Precision Services wireline. Ran GR-caliper log f/ 2646' to surface.
TIH w/ 14-3/4" bit, wash & ream to 1766'.
Circ & spot hi-vis pill @ 1766'.
POOH & LD tools.
RU casing tongs. PU 13-3/8" casing.
MW 8.5, Vis 28
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/07/2006 Current Depth: 2,646 Daily Cost: \$101,175 AFE Cost to Date: \$872,456
Current Status: NU FMC CASINGHEAD

Ran 43 jts 13-3/8", 61#, K-55, BTC casing. Landed 13-3/8" casing @ 1748' w/ float collar @ 1707'.
Circ w/ rig pump & RD csg tools.
Circ & RU BJ Services.
Pumped 919 sx Premium Lite FM (12.0 ppg, 2.22 yld) w/ 8% gel, 2% CaCl2, 3 lb/sx CSE, 3 lb/sx LCM-1 & 1/4 lb/sx celloflakes followed by 883 sx Type III cement (14.5 ppg, 1.40 yld) w/ 1% CaCl2 & 1/4 lb/sx celloflakes.
Lost circulation @ start of displacement. After 95 bbls displacement, regained circulation.
Circ 80 bbls cement to surface. Bumped plug w/ 820 psi, float held.
WOC/ 5-1/2 hrs.
Cut conductor & 13-3/8" casing.
MW 8.5, Vis 29
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/08/2006 Current Depth: 2,646 Daily Cost: \$139,095 AFE Cost to Date: \$1,011,551
Current Status: PRES TEST BOPE

Weld on FMC 13-5/8"-3Mx13-3/8" casinghead. Wait on casinghead to cool, pres test. FMC brought wrong DSA, wait on correct DSA. PU BHA #2 & stand back in derrick. Install DSA & NU BOPE.

06/09/2006 Current Depth: 2,646 Daily Cost: \$26,684 AFE Cost to Date: \$1,038,235
Current Status: PRES TEST BOPE

NU BOPE
Pres test kelly.
ND BOPS to remove 11" mud cross.
PU new swivel & kelly spinner while waiting on new mud cross.
Installed 13-5/8" mud cross.
NU BOPE.
Pres test BOPS.

Well History

15-Jun-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: **73271**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430037001**

Project Type: **1-EXP DRILLING**

06/10/2006 Current Depth: 2,646 Daily Cost: \$41,758 AFE Cost to Date: \$1,079,993

Current Status: **WAIT ON PACKER**

Completed BOP test. Pres test BOPE to 3000 psi high & 250 psi low, OK.
Attempted to pres test 13-3/8" casing. Pressured up to 900 psi w/ Double Jack test pump, pressure dropped to 300 psi immediately & then slowly decreased to 0 psi. Checked all flanges & blind rams for leaks, no surface leaks. Pres tested pump to 3000 psi for bleed back, pump OK.
Pressured up to 900 psi w/ rig pump, pressure dropped immediately just like test pump.
TIH w/ 12-1/4" bit & DP & tagged cement bridge @ 1666'. Drilled 2-1/2' cement & then fell through bridge. Used chemical to confirm that cuttings were cement. TIH & tagged float collar @ 1704.36'. POOH, SLM 1704.36'. Casing tally showed depth of float collar was 1706'.
Installed rotating head on BOP stack. Wait on Halliburton 13-3/8" test packer to be delivered f/ Casper.

06/11/2006 Current Depth: 2,646 Daily Cost: \$35,375 AFE Cost to Date: \$1,115,368

Current Status: **DRILLING CEMENT**

Wait on Halliburton test packer.
PU packer & TIH on DP. Tagged float collar @ 1704'. Pulled up to 1666' & set packer. Pres test below pkr/ 15 min, pres decreased f/ 877 psi to 784 psi, 93 psi / 15 min, 6.2 psi/min. Pres test annulus for 15 min, pres decreased f/ 894 psi to 821 psi, 73 psi / 15 min, 4.9 psi/min. Moved packer to 1660', pres test above & below pkr w/ same results. Lowered packer & tagged float collar, pulled up to 1689' & set pkr. Pres test below pkr, pres decreased f/ 930 psi to 877 psi, 53 psi / 15 min, 3.5 psi/min. POOH & LD packer. TIH w/ 12-1/4" bit & BHA. Tagged float collar. Built mud wt to 9.0 ppg w/ 30 vis. Closed pipe rams & pres up to 804 psi, pres decreased to 800 psi in 15 min, 0.3 psi/min. Drilled float collar, cement, 13-3/8" csg shoe & cement below shoe. Pres up to 320 psi, pres decreased to 200 psi in 5 min. Drill cement to 1950'.
MW 9.0, Vis 29
SEC Bit #2, 12.25", XS30S

06/12/2006 Current Depth: 2,776 Daily Cost: \$59,404 AFE Cost to Date: \$1,174,772

Current Status: **DRILLING**

Drill cement to 2646', some sections stringers, other sections hard cement.
Drill new hole to 2776' in Chinle.
MW 9.0, Vis 33
SEC Bit #2, 12.25", XS30S, in @ 1746', made 130' in 23 hrs., ROP 5.7

06/13/2006 Current Depth: 2,919 Daily Cost: \$37,126 AFE Cost to Date: \$1,211,898

Current Status: **DRILLING**

Drill f/ 2776' to 2880', 104' / 10.0 hrs, 10.4 fph.
Check #2 draw works motor, need to replace clutch.
Drill f/ 2880' to 2891', 11' / 1.5 hrs, 7.3 fph.
Mud motor quit, POOH.
PU new mud motor & test, TIH.
Drill f/ 2891' to 2919', 28' / 4.0 hrs, 7.0 fph in Chinle.
MW 9.0, Vis 31, WL 14.0
SEC Bit #2, 12.25", XS30S, in @ 1746', made 273' in 40.5 hrs., ROP 6.7

Well History

15-Jun-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: **73271**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430037001**

Project Type: 1-EXP DRILLING

06/14/2006 Current Depth: 3,075 Daily Cost: \$38,684 AFE Cost to Date: \$1,250,582

Current Status: **DRILLING**

Drill from 2919' to 3030'.

Circulate , pump sweep & slug.

POOH & inspect bit.

Change out clutch on #2 draw works motor.

RIH with bit #3.

Drill f/3030' to 3075'.

MW 9.0, Vis 31, WL 14.0

SEC Bit #2, 12.25", XS30S, in @ 1746', out @ 3030', made 429' in 55.5 hrs., ROP 7.7.

SMITH Bit #3, 12.25", MM9026, in @ 3030', made 45' in 4 hrs, ROP 11.3.

Survey:

MD Angle

2920 1.00

06/15/2006 Current Depth: 3,417 Daily Cost: \$35,941 AFE Cost to Date: \$1,286,523

Current Status: **DRILLING**

Drill from 3075' to 3417'

MW 9.2, Vis 38, WL 15.0

SMITH Bit #3, 12.25", MM9026, in @ 3030', made 387' in 27 hrs, ROP 14.3.

Survey:

MD Angle

3380 1.00

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PASON SYSTEMS USA CORP.

T 293 R24E S-14
43-037-31841

MORNING REPORT

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/13/06 TIME 05:00 DEPTH 2915' DEPTH YESTERDAY 2757'
FOOTAGE 158' MIN/FT AVG 5.2 FT/HR 10.2
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 30 units CONNECTION GAS: 0 TRIP GAS: 35 units

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'INCR/BG = TOTAL'.

MUD DATA

DEPTH: 2886' WT: 9.0 VIS: 31 PV: 5 YP 3 GEL 6/7/10 FIL: 14
pH: 11.5 SOL: 2.2 CK: 2 OIL/WTR N/a CL: 800 CA: 800
MUD LOST LAST 24 HRS: 0

BIT DATA

BIT DATA: BIT # 2 12 1/4" SEC, EBXS30S Tri-Cone, in @ 1707', Rerun Bit# 2 after Trip @ 2884'

WOB: 20-30 RPM: 60-70 PP: 1230 SPM: 57/56=113

SURVEY:

GEOLOGICAL REPORT

NEW FM TOPS _____ FM NOW DRLG IN: CHINLE LAG TIME 37 min

LAST SAMPLE EXAMINED 2860' to 2886', 60% Sandstone, 40% Shale

GENERAL LITHOLOGY:

SHALE: redbrown to light brown to light gray, sub-blocky to sub-platy, firm-very hard, slightly calcareous, occasionally silty, 5% gray to dark gray shale, siliceous with no conchoidal fracture.

SANDSTONE: off-white to lightgray, very-fine grained, calcareous, subangular to subrounded, clear, frosted & opaque quartz, occasional green chlorite minerals and mica, traces of pyrite.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilled to 2886', circulate out hole, TOO, for mud motor and rig repairs. TIH, Strap In and change hole depth to 2884', Trip Gas 35 units, Drilling ahead with new mud motor, Rerun Bit# 2. Cutler Formation expected at 2922'

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MORNING REPORT

T295 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/14/06 TIME 05:00 DEPTH 3064' DEPTH YESTERDAY 2915'
FOOTAGE 149' MIN/FT AVG 5.6 FT/HR 10.3
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 20 units CONNECTION GAS: 0 TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'INCR/BG = TOTAL'.

MUD DATA

DEPTH: 3000' WT: 9.0 VIS: 31 PV: 5 YP 2 GEL 6/7/10 FIL: 14
pH: 11.5 SOL: 4.7 CK: 2 OIL/WTR -/95 CL: 9000 CA: 850
MUD LOST LAST 24 HRS: 0

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030', BIT # 2 SEC, EBXS30S Drilled 1323' in 55.5 hours

WOB: 30 RPM: 70 PP: 1500 SPM: 65/63=128

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS _____ FM NOW DRLG IN: CHINLE LAG TIME 34 min

LAST SAMPLE EXAMINED 3020' to 3040', 65% Shale, 20% Siltstone, 15% Sandstone

GENERAL LITHOLOGY:

SHALE: orange to red-brown to light brown to light gray, sub-blocky, firm-soft, calcareous to slightly calcareous, occasionally silty.
SILTSTONE: light gray-brown to light gray, occasionally red-brown to orange, firm, sub-blocky, shaly matrix, sandy, calcareous, grading to and interbedded with sandstone and shales.
SANDSTONE: orange to pink to light-gray, very-fine grained, arkosic, calcareous, subangular to subrounded, clear, frosted & opaque quartz, occasional pink to red feldspar grains in matrix.

SAMPLE SHOWS none

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COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS Drill to 3030', circulate out, TOOH for new bit. and rig repairs Pick up new bit, TIH, No Trip Gas, Drilling ahead.

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PASON SYSTEMS USA CORP.
MORNING REPORT

T299 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	6/15/06	TIME	05:00	DEPTH	3408'	DEPTH YESTERDAY	3064'
FOOTAGE	344'	MIN/FT AVG	3.8	FT/HR	14.6		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	25 units	CONNECTION GAS:	0	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS					
	Before/	during/	after		INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5

MUD DATA

DEPTH:	3155'	WT:	9.2	VIS:	38	PV:	6	YP:	4	GEL:	12/8/6	FIL:	15
pH:	10.5	SOL:	6.5	CK:	2	OIL/WTR:	-/94	CL:	10000	CA:	600		
MUD LOST LAST 24 HRS:	~80 bbl												

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030', BIT # 2 SEC, EBXS30S Drilled 1323' in 55.5 hours

WOB:	30-40	RPM:	70	PP:	1400	SPM:	65/63=128
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SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS _____ FM NOW DRLG IN: CUTLER LAG TIME 36 min

LAST SAMPLE EXAMINED 3340' to 3370', 45% Shale, 55% Sandstone

GENERAL LITHOLOGY:

SHALE: orange to red-brown to light brown, sub-blocky, firm-soft, calcareous to slightly calcareous, occasionally silty and sandy.

SANDSTONE: orange to light red-brown to brown, very-fine grained, arkosic, calcareous, subrounded, to subangular, occasionally to abundantly silty-shaly matrix, occasional pink to red feldspar grains in matrix.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead. Losing mud to formation through out night, and running cedar fiber sweeps.

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T 295 R 24E S-14
43-037-31841

MORNING REPORT

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/16/06 TIME 05:00 DEPTH 4027' DEPTH YESTERDAY 3408'
FOOTAGE 619' MIN/FT AVG 1.5 FT/HR 33.4
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 17 units CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 3513' WT: 9.0 VIS: 31 PV: 6 YP 3 GEL 6/9/11 FIL: 15
pH: 10.0 SOL: 6.0 CK: 2 OIL/WTR -/94 CL: 11000 CA: 300
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030'

WOB: 30-35 RPM: 50 PP: 1100 SPM: 50/50=100

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS _____ FM NOW DRLG IN: CUTLER LAG TIME 38 min

LAST SAMPLE EXAMINED 3970' to 4000', 100% Sandstone

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, very-fine to medium grained, occasional coarse grains, arkosic, very slightly to non calcareous, subrounded, to subangular, well- moderately sorted, occasional pink to red feldspar grains, traces of shale.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead, Cutler White Rim Sands aquifer @ ~3633', gaining water at ~30 gpm. Increasing mud weight to 11.1 ppg.

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JUN 16 2006

DIV. OF OIL, GAS & MINING

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PASON SYSTEMS USA CORP. MORNING REPORT

T 295 R 24ES-4 43-~~937~~-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/17/06 TIME 05:00 DEPTH 4058' DEPTH YESTERDAY 4027'
FOOTAGE 31' MIN/FT AVG 1.4 FT/HR 31.0
PRESENT OPERATION: Circulating hole w/ BOP rams closed
BACKGROUND GAS: 15 units CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5

MUD DATA

DEPTH: 3513' WT: 9.0 VIS: 31 PV: 6 YP 3 GEL 6/9/11 FIL: 15
pH: 10.0 SOL: 6.0 CK: 2 OIL/WTR -/94 CL: 11000 CA: 300
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030'

WOB: 30-35 RPM: 50 PP: 1100 SPM: 50/50=100

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS 3633' FM NOW DRLG IN: CUTLER LAG TIME 38 min

LAST SAMPLE EXAMINED 4030' to 4058', 95% Sandstone, 5% Shale

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, very-fine to medium grained, occasional coarse grains, arkosic, very slightly to non calcareous, subrounded, to subangular, well- moderately sorted, occasional pink to red feldspar grains, traces of shale.

SHALE: gray to light gray-brown to light brown, firm, subblocky to subplaty in part, earthy to very slight silty in part, very slightly calcareous to slight calcareous.

SAMPLE SHOWS none

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COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS Drill to 4058' Shut-In well and increase mud weight to control water & wait on barite for mud weight. Circulating hole with 11.2 ppg mud

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PASON SYSTEMS USA CORP. MORNING REPORT

T 295 R 24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/18/06 TIME 05:00 DEPTH 4058' DEPTH YESTERDAY 4058'
FOOTAGE 0' MIN/FT AVG 0 FT/HR 0
PRESENT OPERATION: Circulating 11.5 mud thru choke
BACKGROUND GAS: 0 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL), C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 4058' WT: 10.8 VIS: 55 PV: 20 YP 10 GEL N/A FIL: N/A
pH: 110.0 SOL: N/A CK: OIL/WTR N/A CL: 2000 CA: N/A
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030'

WOB: 0 RPM: 0 PP: 600-700 SPM: 65

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS 3633' FM NOW DRLG IN: CUTLER LAG TIME 38 min

LAST SAMPLE EXAMINED 4030' to 4058', 95% Sandstone, 5% Shale

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, very-fine to medium grained, occasional coarse grains, arkosic, very slightly to non calcareous, subrounded, to subangular, well- moderately sorted, occasional pink to red feldspar grains, traces of shale.

SHALE: gray to light gray-brown to light brown, firm, subblocky to subplaty in part, earthy to very slight silty in part, very slightly calcareous to slight calcareous.

SAMPLE SHOWS none

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COMMENTS

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LAST 24 HOURS Condition and Circulate with 11.0 ppg mud at 4058', then waiting on barite. Condition mud to 11.5 ppg w/ 35% LCM and circulate at 65 SPM to control water flow, still flowing. Continue to raise mud weight to control water flow.

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill 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: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: McKenna 14-14
9. API NUMBER: 4303731841
10. FIELD AND POOL, OR WILDCAT: Wildcat
1. TYPE OF WELL OIL WELL [] GAS WELL [x] OTHER
2. NAME OF OPERATOR: Cabot Oil & Gas Corporation
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 226-9400
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679' FNL & 607' FEL COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION
[] NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:
[] SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:
[] ACIDIZE [] ALTER CASING [] CASING REPAIR [] CHANGE TO PREVIOUS PLANS [] CHANGE TUBING [] CHANGE WELL NAME [] CHANGE WELL STATUS [] COMMINGLE PRODUCING FORMATIONS [] CONVERT WELL TYPE
[] DEEPEN [] FRACTURE TREAT [] NEW CONSTRUCTION [] OPERATOR CHANGE [] PLUG AND ABANDON [] PLUG BACK [] PRODUCTION (START/RESUME) [] RECLAMATION OF WELL SITE [] RECOMPLETE - DIFFERENT FORMATION
[] REPERFORATE CURRENT FORMATION [] SIDETRACK TO REPAIR WELL [] TEMPORARILY ABANDON [] TUBING REPAIR [] VENT OR FLARE [] WATER DISPOSAL [] WATER SHUT-OFF
[] OTHER: Spud & daily activity reports.

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

Cabot Oil & Gas Corporation spud the McKenna 14-14 on 5-24-06, Unit rig #134.

Daily activity reports are attached.

NAME (PLEASE PRINT) Jean Arnold TITLE Prod. Tech.
SIGNATURE [Signature] DATE

(This space for State use only)

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Well History

25-May-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

SAN JUAN County, UT Spud Date: 05/24/2006
Program Year: 2006 Completion Date:
Location: SECTION 14, T29S, R24E
Prospect: PARADOX P&A Date:
Formation: GOTHIC Lease Number:
AFE DHC/CWC: \$2,300,000 / \$3,600,000 Date of First Prod:
Net AFE DHC/CWC: \$1,533,410 / \$2,400,120 Rig/Contractor: UNIT RIG #134
TD: PBTD: Service Contractor:
Permit No: Pipeline:
Drop Date: API Number: 4303731841
COGC WI / NRI: 66.67000% 65.00000% UWI:
BPO / APO: 66.67000% 66.67000% GL / KB Elev: 6685 / 0
Rig Release:

Project Type: 1-EXP DRILLING
05/22/2006 Current Depth: Daily Cost: \$275,462 AFE Cost to Date: \$275,462
Current Status: RU UNIT RIG #134

Built road & location. Installed pit liner. Set 16" conductor pipe @ 60'. Move in Unit rig #134.
Should spud on Wednesday, 5/24/06.

05/23/2006 Current Depth: 60 Daily Cost: \$16,940 AFE Cost to Date: \$292,402
Current Status: RU UNIT RIG #134
RU. Should spud on Wednesday, 5/24/06.

05/24/2006 Current Depth: 60 Daily Cost: \$33,660 AFE Cost to Date: \$326,062
Current Status: RU UNIT RIG #134
RU. Should spud today, 5-24-06.

05/25/2006 Current Depth: 402 Daily Cost: \$28,580 AFE Cost to Date: \$354,642
Current Status: DRILLING

Finished RU Unit rig #134. Spud 14-3/4" surface hole @ 5:30 PM, 5/24/06. Drill to f/ 60' - 402' 12.0 hrs. Formation was extremely hard under conductor pipe to 200'. Hole started taking fluid @ 300', added 4-5% LCM, spot LCM pill. Lost ~200 bbls mud.
SS Bit #1, 14.75", ss335, in @ 60', made 342' in 12 hrs, ROP 28.5
MW 8.4, Vis 27

ATTN
EARLENE
RUSSELL

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

FORM 6

ENTITY ACTION FORM

Operator: Cabot Oil & Gas Corporation Operator Account Number: N 6345
 Address: 600 - 17th Street, Ste. 900N
 city Denver
 state CO zip 80202 Phone Number: (303) 226-9400

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731841	McKenna #14-14		NE	14	29S	24E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15383	5-24-06		5/25/06		
Comments: DSCR							CONFIDENTIAL K

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

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

Jean Arnold - Cabot Oil & Gas

Name (Please Print)

Jean Arnold

Signature

Prod. Tech.

Title

5-25-06

Date

(5/2000)

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CABOT OIL & GAS CORPORATION

Well Name: MCKENNA 14-14

Api No: 43-037-31841 Lease Type: FEE

Section 14 Township 29S Range 24E County SAN JUAN

Drilling Contractor PETE MARTIN'S RIG # RATHOLE

SPUDDED:

Date 05/16/06

Time _____

How DRY

Drilling will Commence: _____

Reported by KENNETH NIELSEN

Telephone # (435) 828-2187

Date 05/17/2006 Signed CHD

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MORNING REPORT

T295 R 24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	<u>7/31/06</u>	TIME	<u>05:00</u>	DEPTH	<u>8870'</u>	DEPTH YESTERDAY	<u>8845'</u>
FOOTAGE	<u>25'</u>	MIN/FT AVG	<u>17.4</u>	FT/HR	<u>3.1</u>		
PRESENT OPERATION:	<u>Drilling core</u>						
BACKGROUND GAS:	<u>76u</u>	CONNECTION GAS:	<u>None</u>	TRIP GAS:	<u>66u</u>		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm				
				C-1	C-2	C-3	C-4	C-5
8848'-8863'/ 15'	19.6-17.0-17.5	DOL	22/86=108				63	

MUD DATA

DEPTH:	<u>8845'</u>	WT:	<u>11.5</u>	VIS:	<u>57</u>	PV:	<u>30</u>	YP:	<u>10</u>	GEL:	<u>4/10</u>	FIL:	<u>12.0</u>
pH:	<u>10.5</u>	SOL:	<u>15</u>	CK:	<u>2</u>	OIL/WTR:	<u>-/85</u>	CL:	<u>4500</u>	CA:	<u>200</u>		

MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: Rerun BIT# 13/17, 8 3/4", DPI, CMD233, Core Bit in @ 8845', RR BIT# 14/16, drilled 135' in 20.5 hours

WOB: 17 RPM: 70 PP: 1680 SPM: 80

SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Hovenweep SH, 8838' FM NOW DRLG IN: HOVENWEEP SH LAG TIME 67 min

LAST SAMPLE EXAMINED: 8855' to 8865', 25% Dolomite, 40% Shale, 35% Limestone

GENERAL LITHOLOGY:

DOLOMITE: frosted to light gray to translucent, hard, micro crystalline slightly calcareous in part, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, non calcareous, subblocky to subplaty, traces of black carbonaceous fragments.

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, traces of black carbonaceous fragments.

SAMPLE SHOWS:

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COMMENTS

3 1 2006

LAST 24 HOURS: Drill to 8845' Core point# 3, circulate and condition mud before TOOH for Core point# 3, circulate and condition mud for Core# 3, TIH, circulate 66u Trip Gas. Drilling core from 8845'

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MORNING REPORT

T295 R24E S-14
43-037-31841

CONFIDENTIAL

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>7/23/06</u>	TIME <u>05:00</u>	DEPTH <u>8385'</u>	DEPTH YESTERDAY <u>8340'</u>
FOOTAGE <u>45'</u>	MIN/FT AVG <u>12.8</u>	FT/HR <u>4.5</u>	
PRESENT OPERATION: <u>Drilling ahead</u>			
BACKGROUND GAS: <u>40u</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>None</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm				
				C-1	C-2	C-3	C-4	C-5
8357'-8369'/ 12'	12.2-9.0-17.9	SS	58/35=93				1u	

MUD DATA

DEPTH: <u>8340'</u>	WT: <u>11.7</u>	VIS: <u>46</u>	PV: <u>24</u>	YP: <u>11</u>	GEL: <u>4/11</u>	FIL: <u>7.8</u>
pH: <u>8.5</u>	SOL: <u>25</u>	CK: <u>2</u>	OIL/WTR: <u>-75</u>	CL: <u>3000</u>	CA: <u>80</u>	

MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: Rerun BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8280'; BIT# 13, Drilled 60' in 11.5 hours

WOB: 30 RPM: 45 PP: 1470 SPM: 70

SURVEY: 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 74 min

LAST SAMPLE EXAMINED: 8340' to 8370', 100% Limestone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, rare black carbonaceous films.

SAMPLE SHOWS:

COMMENTS

LAST 24 HOURS: Finish TOOH with core and do rig repairs. Ticora measures, cuts up and canisters core sections for desorption of gases. Pick up bit & mud motor, Rerun Bit# 12, TIH, wash & ream 74' to bottom, NO Trip Gas, Drilling ahead.

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MORNING REPORT

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43-039-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/22/06	TIME	05:00	DEPTH	8340'	DEPTH YESTERDAY	8280'
FOOTAGE	60'	MIN/FT AVG	11.4	FT/HR	5.2		
PRESENT OPERATION:	Tripping Out of Hole with Core						
BACKGROUND GAS:	58u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				
8297'-8310'/ 13'	13.6-4.9-11.9	SS	140/46=186					5u				

MUD DATA

DEPTH: 8300' WT: 11.7 VIS: 59 PV: 22 YP 12 GEL 6/13 FIL: 8.8
 pH: 8.5 SOL: 25 CK: 2 OIL/WTR -/75 CL: 2500 CA: 80
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 13, 8 3/4", DPI, CMD 233, Natural Diamond Core Bit, in @ 8280'; BIT# 13, Drilled 60' in 11.5 hours

WOB: 16-17 RPM: 70 PP: 1540 SPM: 75

SURVEY: 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 65 min

LAST SAMPLE EXAMINED: 8330' to 8340', 100% Limestone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated, rare black carbonaceous films..

SAMPLE SHOWS: SANDSTONE: gray to light gray to frosted, firm, fine to medium grained, subangular to angular, grain supported clusters, well to moderately well sorted, interbedded with limestones, NFSOC

COMMENTS

LAST 24 HOURS: Finish TIH with core bit & barrel, circulate, NO Trip Gas. Drill core from 8280' to 8340 (60'), circulate out and TOO with core.

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MORNING REPORT

T293 R24E S-14

CABOT OIL & GAS CORP. McKENNA 14-14

43-039-31841

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	<u>7/21/06</u>	TIME	<u>05:00</u>	DEPTH	<u>8280'</u>	DEPTH YESTERDAY	<u>8259'</u>
FOOTAGE	<u>21'</u>	MIN/FT AVG	<u>10.0</u>	FT/HR	<u>6.0</u>		
PRESENT OPERATION:	<u>Tripping In Hole with Core Bit</u>						
BACKGROUND GAS:	<u>44u</u>	CONNECTION GAS:	<u>None</u>	TRIP GAS:	<u>53u</u>		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS					
	Before/	during/	after		INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5

MUD DATA

DEPTH:	<u>8280'</u>	WT:	<u>11.7+</u>	VIS:	<u>47</u>	PV:	<u>23</u>	YP	<u>12</u>	GEL	<u>6/10</u>	FIL:	<u>10.0</u>
pH:	<u>8.5</u>	SOL:	<u>22</u>	CK:	<u>2</u>	OIL/WTR	<u>-178</u>	CL:	<u>220</u>	CA:	<u>80</u>		

MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 13, 8 3/4", DPI CMD 233, PDC Core bit, in @ 8280'; BIT# 12, Drilled 21' in 3.5 hours

WOB: 40 RPM: 40 PP: 1740 SPM: 80

SURVEY: 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 65 min

LAST SAMPLE EXAMINED: 8270' to 8280', 95% Limestone, 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated, rare black carbonaceous films and fossil fragments.

SHALE: dark brown to dark gray-brown, hard, earthy, non calcareous, subplaty to subblocky, traces of mica

SAMPLE SHOWS

COMMENTS

LAST 24 HOURS: Finish TIH 3 minutes/stand to bottom, circulate, 53u Trip Gas, circulate twice. Drill from 8259' to 8280', circulate out, TOOH for 1st Core Point of Honaker Trail II Shale. Pick up core bit & barrel and TIH.

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MORNING REPORT

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CABOT OIL & GAS CORP. McKENNA 14-14

*T29S R24E S-14
43-039-31841*

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>7/20/06</u>	TIME <u>05:00</u>	DEPTH <u>8260'</u>	DEPTH YESTERDAY <u>8260'</u>
FOOTAGE <u>0'</u>	MIN/FT AVG <u>0</u>	FT/HR <u>0</u>	
PRESENT OPERATION: <u>Tripping In Hole to bottom</u>			
BACKGROUND GAS: <u>26u</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>None</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS					
	Before/	during/	after		INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5

MUD DATA

DEPTH: <u>8259'</u>	WT: <u>12.1+</u>	VIS: <u>54</u>	PV: <u>28</u>	YP: <u>12</u>	GEL: <u>8/12</u>	FIL: <u>8.8</u>
pH: <u>8.0</u>	SOL: <u>24</u>	CK: <u>2</u>	OIL/WTR: <u>-176</u>	CL: <u>2000</u>	CA: <u>80</u>	

MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8259' BIT# 11, Drilled 393' in 61.5 hours

WOB: 0 RPM: 0 PP: 600 SPM: 40

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 130 min
LAST SAMPLE EXAMINED: 8250' to 8260', 100% Limestone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated.

SAMPLE SHOWS

COMMENTS

LAST 24 HOURS: Shut in well, condition & dilute mud from 13.0 ppg to 11.8 ppg. Circulate & pump 11.8 ppg mud through choke @ 50 SPM, Shut in well. Condition mud & TIH 4 minutes/stand bleeding off casing pressure to 6535', Condition mud to 11.9 ppg mud, circulate, TIH 3 minutes/stand to bottom.

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MORNING REPORT

T295 R24E S14
43 037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/19/06	TIME	05:00	DEPTH	8260'	DEPTH YESTERDAY	8260'
FOOTAGE	0'	MIN/FT AVG	0	FT/HR	0		
PRESENT OPERATION:	Circulate & condition mud, raising mud weight to 12.8 ppg						
BACKGROUND GAS:	26u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH:	8260'	WT:	12.8+	VIS:	85	PV:	26	YP	22	GEL	11/26	FIL:	12.0
pH:	8.0	SOL:	19	CK:	2	OIL/WTR	-/81	CL:	1100	CA:	180		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8260' BIT# 11, Drilled 394' in 61.5 hours

WOB: 41 RPM: 40 PP: 1800 SPM: 80

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 63 min
LAST SAMPLE EXAMINED: 8250' to 8260', 100% Limestone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated.

SAMPLE SHOWS

COMMENTS

LAST 24 Condition & raise mud weight to 11.5 ppg, to control water flow, raise mud weight to 13.0 ppg, circulate and condition mud and wait on Wild Well Control. Occasionally bleeding off annular pressure, with up to 26u of gas, circulate & condition mud, pump 15.3 ppg slug, TIH, 30 stands to shoe, bleeding off pressure every 5 stands, circulate and condition mud to 11.8 ppg, & waiting on orders

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SON SYSTEMS USA CO
MORNING REPORT

J293 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/18/06 TIME 05:00 DEPTH 8260' DEPTH YESTERDAY 8238'
FOOTAGE 22' MIN/FT AVG 15.6 FT/HR 4.0
PRESENT OPERATION: Circulate & condition mud, raising mud weight to 11.5 ppg
BACKGROUND GAS: 30u CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH: 8116' WT: 10.8+ VIS: 57 PV: 22 YP 12 GEL 5/11 FIL: 6.7
pH: 9.0 SOL: 14 CK: 2 OIL/WTR -86 CL: 2000 CA: 270
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8260' BIT# 11, Drilled 394' in 61.5 hours

WOB: 41 RPM: 40 PP: 1800 SPM: 80

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 63 min

LAST SAMPLE EXAMINED: 8250' to 8260', 100% Limestone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated.

SAMPLE SHOWS

COMMENTS

LAST 24 Drill to 8260', circulate out and TOOH for bit & E-Logs. Run gamma & resistivity E-Logs for core point correlation. Pick up new mud motor & bit, Start TIH, gaining volume, circulate, condition & raise mud weight to 11.5 ppg, to control water flow.

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MORNING REPORT

T 29S R 24E 5-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/17/06 TIME 05:00 DEPTH 8238' DEPTH YESTERDAY 8086'
 FOOTAGE 152' MIN/FT AVG 9.2 FT/HR 6.4
 PRESENT OPERATION: Drilling ahead
 BACKGROUND GAS: 30u CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					C-5
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	
8214-8224/ 10'	10.0-6.1-7.8	SS	91/33=124				3u	

MUD DATA

DEPTH: 8116' WT: 10.8+ VIS: 57 PV: 22 YP: 12 GEL: 5/11 FIL: 6.7
 pH: 9.0 SOL: 14 CK: 2 OIL/WTR: -/86 CL: 2000 CA: 270
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 11, 8 3/4", REED, M4234P, Tri-Cone, in @ 7866'

WOB: 41 RPM: 47 PP: 1690 SPM: 82

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 63 min
 LAST SAMPLE EXAMINED: 8210' to 8220', 80% Limestone, 15% Sandstone, 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated.

SANDSTONE: frosted to very light gray to translucent, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented, NFSOC.

SHALE: dark gray to black to brown, firm to moderately hard, earthy, non calcareous, subplaty

SAMPLE SHOWS

LAST 24 Drilling ahead.

COMMENTS

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T295 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/16/06 TIME 05:00 DEPTH 8086' DEPTH YESTERDAY 7901'
 FOOTAGE 185' MIN/FT AVG 7.5 FT/HR 7.8
 PRESENT OPERATION: Drilling ahead
 BACKGROUND GAS: 44u CONNECTION GAS: 20u/BG TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5
7918-7933/ 15'	8.4-5.0-8.9	SS	39/44=83					

MUD DATA

DEPTH: 7936' WT: 10.9 VIS: 47 PV: 24 YP: 13 GEL: 6/11 FIL: 6.8
 pH: 8.0 SOL: 14 CK: 2 OIL/WTR: -/86 CL: 1900 CA: 260
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 11, 8 3/4", REED, M4234P, Tri-Cone, in @ 7866' BIT# 10 Drilled 395' in 47 Hours

WOB: 41 RPM: 58 PP: 1830 SPM: 85

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 53 min

LAST SAMPLE EXAMINED: 8030' to 8060', 85% Limestone, 5% Sandstone, 5% Shale, 5% Claystone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, moderately hard, cryptocrystalline, Mudstone, massive to fine laminated.

SANDSTONE: frosted to very light gray to translucent, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SHALE: dark gray to black to brown, firm to moderately hard, earthy, non calcareous, subplaty

CLAYSTONE: white to very light gray, soft, earthy, limey to very calcareous, with traces of sand grains.

SAMPLE SHOWS

COMMENTS

LAST 24 Drilling ahead.

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T295 R 24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/15/06 TIME 05:00 DEPTH 7901' DEPTH YESTERDAY 7847'
FOOTAGE 54' MIN/FT AVG 11.2 FT/HR 5.4
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 35 CONNECTION GAS: None TRIP GAS: 39u

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL), ppm (C-1, C-2, C-3, C-4, C-5). Includes values like 6u and 1u.

MUD DATA

DEPTH: 7866' WT: 10.9 VIS: 46 PV: 24 YP 11 GEL 4/9 FIL: 6.8
pH: 8.0 SOL: 15 CK: 2 OIL/WTR -/85 CL: 2000 CA: 240
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 11, 8 3/4", REED, M4234P, Tri-Cone, in @ 7866' BIT# 10 Drilled 395' in 47 Hours

WOB: 40 RPM: 45 PP: 2030 SPM: 98

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg.

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 51 min

LAST SAMPLE EXAMINED 7866' to 7880', 75% Limestone, 20% Sandstone, 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline, Mudstone, massive to fine laminated, becoming dolomitic in part, NFSOC

SANDSTONE: frosted to translucent to very light gray to clear, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SHALE: dark gray to black, firm to moderately hard, earthy, non calcareous, subblocky to subplaty

SAMPLE SHOWS

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COMMENTS

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LAST 24 Drill to 7866', circulate out, TOOH for bit, pick up new bit, TIH, ream 30' to bottom & circulate for junk, 39u Trip Gas, Drilling ahead. DIV. OF OIL, GAS & MINING

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T 295 R 24E S-14 43-039-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/14/06 TIME 05:00 DEPTH 7847' DEPTH YESTERDAY 7664'
FOOTAGE 165 MIN/FT AVG 7.2 FT/HR 8.1
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 26 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes data for intervals 7621-7672/ 51' and 7705-7713/ 8'.

MUD DATA

DEPTH: 7709' WT: 10.9+ VIS: 45 PV: 24 YP 12 GEL 5/11 FIL: 6.7
pH: 8.0 SOL: 15 CK: 2 OIL/WTR -/85 CL: 2000 CA: 240
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 10, 8 3/4", STC, EBX5215 Tri-Cone, in @ 7471'

WOB: 39 RPM: 45 PP: 1670 SPM: 83

SURVEY: 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg.

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 59 min

LAST SAMPLE EXAMINED 7790' to 7820', 45% Limestone, 50% Sandstone, 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline, Mudstone, massive to fine laminated, becoming dolomitic in part, NFSOC

SANDSTONE: frosted to translucent to very light gray to clear, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented occasional micaeous in part.

SHALE: dark gray to black, firm to moderately hard, earthy, non calcareous, subblocky to subplaty

SAMPLE SHOWS

COMMENTS

LAST 24 Drilling ahead, survey @ 7831' 0.5 degrees.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/13/06 TIME 05:00 DEPTH 7664' DEPTH YESTERDAY 7471'
FOOTAGE 193' MIN/FT AVG 6.3 FT/HR 8.9
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 65 CONNECTION GAS: None TRIP GAS: 37u

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, ppm (C-1 to C-5). Row 1: 7500-7528/28', 2.5-1.0-4.7, SS, 9/31=40u.

MUD DATA

DEPTH: 7515' WT: 10.9 VIS: 40 PV: 26 YP 12 GEL 5/9 FIL: 6.9
pH: 8.5 SOL: 14 CK: 2 OIL/WTR -/86 CL: 2000 CA: 200
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 10, 8 3/4", STC, EBX5215 Tri-Cone, in @ 7471' BIT# 9, Drilled 666' in 61.5 HOURS

WOB: 39 RPM: 42 PP: 2220 SPM: 103

SURVEY: 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg.

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 48 min
LAST SAMPLE EXAMINED 7610' to 7640', 90% Limestone, 10% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray, hard, cryptocrystalline, Mudstone, with traces of white soft chalky clay.

SANDSTONE: translucent to frosted to very light gray to clear, firm, very fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SAMPLE SHOWS

COMMENTS

LAST 24 Finish TIH, 37u Trip Gas. Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/12/06 TIME 05:00 DEPTH 7471' DEPTH YESTERDAY 7386'
FOOTAGE 85' MIN/FT AVG 7.6 FT/HR 7.3
PRESENT OPERATION: Tripping In Hole
BACKGROUND GAS: 42 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 7417' WT: 10.9 VIS: 54 PV: 28 YP 18 GEL 4/10 FIL: 6.8
pH: 9.5 SOL: 14 CK: 1 OIL/WTR -/86 CL: 1800 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 10, 8 3/4", STC, EBX5215 Tri-Cone, in @ 7471' BIT# 9, Drilled 666' in 61.5 HOURS

WOB: 39 RPM: 60 PP: 2300 SPM: 103

SURVEY: 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg.

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 47 min
LAST SAMPLE EXAMINED 7460' to 7471', 85% Limestone, 5% Shale, 10% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray to off-white, cryptocrystalline, Mudstone, with occasional white soft chalky clay.
SHALE: dark gray to black to brown, slightly hard to firm, earthy, non-calcareous, subplaty to subblocky.
SANDSTONE: translucent to frosted to very light gray to clear, firm, very fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SAMPLE SHOWS

COMMENTS

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LAST 24 Drill to 7471', circulate out, TOO H for bit & strap pipe. Pick up new bit, slip & cut drilling line, TIH. JUL 12 2006

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T295 R24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/11/06 TIME 05:00 DEPTH 7386' DEPTH YESTERDAY 7089'
FOOTAGE 297' MIN/FT AVG 4.3 FT/HR 12.9
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 24 CONNECTION GAS: 6-21u/background TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes data for intervals 7100-7120' and 7169-7195'.

MUD DATA

DEPTH: 7150 WT: 10.9 VIS: 53 PV: 30 YP 10 GEL 3/10 FIL: 7.2
pH: 10.3 SOL: 13.5 CK: 1 OIL/WTR -/86.5 CL: 1900 CA: 160
MUD LOST LAST 24 HRS: 9 bbl

BIT DATA

BIT DATA: BIT# 9, 8 3/4", STC, GF15HVR Tri-Cone, in @ 6805'

WOB: 39 RPM: 60 PP: 2400 SPM: 104

SURVEY: 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg.

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 47 min
LAST SAMPLE EXAMINED 7340' to 7370', 35% Limestone, 10% Shale, 35% Sandstone, 20% Limey Wackstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray to off-white, cryptocrystalline, Mudstone, very finely laminated, with occasional white soft chalky clay.
SHALE: dark gray to black to light brown, slightly hard to firm, earthy, slightly calcareous, subplaty to subblocky in part.
SANDSTONE: translucent to frosted to very light gray to clear, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.
LIMEY WACKSTONE: light brown to tan, soft to firm, micro-granular, limey to very calcareous, brown clay matrix.

SAMPLE SHOWS SANDSTONE: translucent to clear to frosted, firm, fine grained, subangular to subrounded, grain supported, calcareous, well sorted, NFSOC

COMMENTS

LAST 24 Drilling ahead, survey @ 7327, 2.5 degrees.

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T 295 R24E S-14
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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/10/06	TIME	05:00	DEPTH	7089'	DEPTH YESTERDAY	6847'
FOOTAGE	242'	MIN/FT AVG	5.6	FT/HR	10.2		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	30	CONNECTION GAS:	25-30u/background	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm				
				C-1	C-2	C-3	C-4	C-5
6880-6892/ 12'	3.5/2.5/4.5	SS	236/24=260u					

MUD DATA

DEPTH:	6900	WT:	10.9	VIS:	52	PV:	24	YP:	12	GEL:	3/10	FIL:	7.2
pH:	10.0	SOL:	13.5	CK:	1	OIL/WTR:	-86.5	CL:	1800	CA:	160		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: BIT# 9, 8 3/4", STC, GF15HVR Tri-Cone, in @ 6805' BIT# 8 DRILLED 847' IN 49.5 HOURS

WOB:	39	RPM:	60	PP:	2200	SPM:	101
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SURVEY: 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg;

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 46 min

LAST SAMPLE EXAMINED 7040' to 7070', 90% Limestone, 5% Shale, 5% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown to light gray to off-white, cryptocrystalline, Mudstone, very finely laminated, with occasional white soft chalky clay.

SHALE: dark gray to black to light brown, slightly hard to firm, earthy, slightly calcareous, subplaty to subblocky in part.

SANDSTONE: translucent to frosted to very light gray to clear, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SAMPLE SHOWS SANDSTONE: translucent to clear to frosted, firm, fine grained, subangular to subrounded, grain supported, calcareous, well sorted, traces of light brown stain, occasional yellow fluorescence, no cut or residual ring, traces of black carbonaceous fragments & thin laminations.

COMMENTS

LAST 24 Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>7/9/06</u>	TIME <u>05:00</u>	DEPTH <u>6847</u>	DEPTH YESTERDAY <u>6753'</u>
FOOTAGE <u>94'</u>	MIN/FT AVG <u>6.0</u>	FT/HR <u>9.8</u>	
PRESENT OPERATION: <u>Drilling ahead</u>			
BACKGROUND GAS: <u>42</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>30u</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH: <u>6800</u>	WT: <u>10.9</u>	VIS: <u>52</u>	PV: <u>26</u>	YP: <u>10</u>	GEL: <u>3/9</u>	FILE: <u>7.6</u>
pH: <u>9.5</u>	SOL: <u>14</u>	CK: <u>1</u>	OIL/WTR: <u>-86</u>	CL: <u>2000</u>	CA: <u>160</u>	
MUD LOST LAST 24 HRS: _____						

BIT DATA

BIT DATA: BIT# 9, 8 3/4", STC, GF15HVR Tri-Cone, in @ 6805' BIT# 8 DRILLED 847' IN 49.5 HOURS

WOB: 39 RPM: 60 PP: 2450 SPM: 110

SURVEY: 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg;

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER GROUP LAG TIME 44 min

LAST SAMPLE EXAMINED 6800' to 6805', 45% Limestone, 5% Shale, 50% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: light gray to dark gray-brown to dark gray to off-white, cryptocrystalline, Mudstone, very finely laminated, with occasional white soft chalky clay.

SHALE: dark gray to black, slightly hard to firm, earthy, non calcareous, platy to subplaty in part, occasionally micaceous in part.

SANDSTONE: translucent to frosted to very light gray to clear, firm, fine grained, subangular to subrounded, well sorted, calcareous, moderately cemented.

SAMPLE SHOWS none

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COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 Drill to 6805', drop survey, circulate out, TOOH for bit and inspect BHA. Pick up new bit, TIH, 30u Trip Gas, Drilling ahead with increase in background gas from 23u to 42u.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/8/06 TIME 05:00 DEPTH 6753 DEPTH YESTERDAY 6508'
FOOTAGE 245 MIN/FT AVG 5.8 FT/HR 10.4
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 26 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 6553' WT: 10.9 VIS: 52 PV: 22 YP 14 GEL 3/10 FIL: 8.4
pH: 10.0 SOL: 14 CK: 2 OIL/WTR -/86 CL: 2200 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 8, 8 3/4", STC FI-20 Tri-Cone, in @ 5958'

WOB: 39 RPM: 60 PP: 2030 SPM: 99

SURVEY: 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 43 min
LAST SAMPLE EXAMINED 6710' to 6740', 95% Limestone, 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: light gray to dark gray-brown to dark gray to off-white, cryptocrystalline, Mudstone, very finely laminated, with occasional white soft chalky clay.
SHALE: dark gray to black, slightly hard to firm, earthy, non calcareous, platy to subplaty in part, occasionally micaeous in part.

SAMPLE SHOWS none

COMMENTS

LAST 24 Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/7/06 TIME 05:00 DEPTH 6508' DEPTH YESTERDAY 6217'
FOOTAGE 291' MIN/FT AVG 4.6 FT/HR 12.6
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 23 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 6272' WT: 10.9 VIS: 52 PV: 20 YP 12 GEL 3/9 FIL: 8.8
pH: 10.0 SOL: 12 CK: 2 OIL/WTR -/88 CL: 2000 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 8, 8 3/4", STC FI-120 Tri-Cone, in @ 5958'

WOB: 39 RPM: 60 PP: 2060 SPM: 99

SURVEY: 6300', 1.5 deg; 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 41 min

LAST SAMPLE EXAMINED 6440' to 6470', 20% Sandstone, 80% Shale

GENERAL LITHOLOGY:

SANDSTONE: red-orange to pink to translucent to frosted, fine grained, occasional medium and coarse grains, occasionally sub arkosic, calcareous clusters, subangular to subrounded, , well sorted,.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, earthy to slightly silty, slightly calcareous to non calcareous, micaceous in part, occasional orange to white claystone

SAMPLE SHOWS none

COMMENTS

LAST 24 Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/6/06	TIME	05:00	DEPTH	6217'	DEPTH YESTERDAY	5958'
FOOTAGE	259'	MIN/FT AVG	4.2	FT/HR	15.2		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	24	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH:	5960'	WT:	10.9	VIS:	53	PV:	20	YP:	10	GEL:	3/8	FIL:	11.2
pH:	10.0	SOL:	14	CK:	2	OIL/WTR:	-/86	CL:	2000	CA:	160		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: BIT# 8, 8 3/4", STC FI-120 Tri-Cone, in @ 5958'; BIT# 7 DRILLED 581' IN 56.5 HOURS

WOB:	39	RPM:	670	PP:	2040	SPM:	101
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SURVEY: 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 39 min

LAST SAMPLE EXAMINED 6170' to 6200', 50% Sandstone, 40% Shale, 10% Limestone

GENERAL LITHOLOGY:

SANDSTONE: red-orange to pink to translucent to frosted, fine to very fine grained, occasional medium grains, occasionally arkosic, calcareous clusters, subangular to subrounded, , well sorted,.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, earthy to slightly silty, slightly calcareous to non calcareous, micaeous in part.

LIMESTONE: gray to gray-brown to offwhite, microcrystalline to earthy, mudstone, traces of dull yellow mineral fluorescence.

SAMPLE SHOWS none

COMMENTS

LAST 24 Finish TIH, NO Trip Gas. Drilling ahead.

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43037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/5/06 TIME 05:00 DEPTH 5958' DEPTH YESTERDAY 5954'
 FOOTAGE 4' MIN/FT AVG 9.1 FT/HR 8
 PRESENT OPERATION: Tripping In Hole
 BACKGROUND GAS: 23 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm					
	Before/	during/	after			C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 5958' WT: 10.9 VIS: 47 PV: 18 YP: 12 GEL: 3/10 FIL: 11.2
 pH: 10.0 SOL: 14 CK: 2 OIL/WTR: -/86 CL: 2000 CA: 160
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 8, 8 3/4", STC F120 Tri-Cone, in @ 5958'; BIT# 7 DRILLED 581' IN 56.5 HOURS

WOB: 38 RPM: 70 PP: 1900 SPM: 98

SURVEY: 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 36 min

LAST SAMPLE EXAMINED 5930' to 5958', 70% Sandstone, 30% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to red-orange to pink to translucent to frosted, fine to very fine grained, occasional medium grains, predominately loose quartz/sand grains, traces of arkosic, calcareous clusters, subangular to subrounded, moderately sorted.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, earthy to slightly silty, slightly calcareous to non calcareous, micaeous in part.

SAMPLE SHOWS none

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COMMENTS

LAST 24 HOURS Drill to 5958', Rig motor problems, trip up into casing. Wait on mechanic and parts. Repair rig, TOOH for bit, Pick up bit & mud motor and TIH.

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T 299 R 24E 5-14
43-039-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/4/06 TIME 05:00 DEPTH 5954' DEPTH YESTERDAY 5693'
FOOTAGE 261' MIN/FT AVG 5.4 FT/HR 11.3
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 23 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 5748' WT: 10.9 VIS: 54 PV: 32 YP 10 GEL 4/10 FIL: 12.0
pH: 10.0 SOL: 14 CK: 2 OIL/WTR -/86 CL: 2000 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 7, 8 3/4", HTC GX20 Tri-Cone, in @ 5377'

WOB: 39 RPM: 75 PP: 1900 SPM: 98

SURVEY: 5800', 1.5 deg; 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 36 min

LAST SAMPLE EXAMINED 5900' to 5930', 95% Sandstone, 5% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to red-orange to pink to translucent to frosted, medium grained, occasional fine and coarse grains, predominately loose quartz/sand grains, traces of arkosic, calcareous clusters, subangular to subrounded, moderately sorted.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, earthy to slightly silty, slightly calcareous to non calcareous, micaceous in part.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead, Happy Independence Day.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/3/06 TIME 05:00 DEPTH 5693' DEPTH YESTERDAY 5437'
FOOTAGE 256' MIN/FT AVG 5.0 FT/HR 10.9
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 15 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL, C-1, C-2, C-3, C-4, C-5), ppm.

MUD DATA

DEPTH: 5500' WT: 10.9 VIS: 50 PV: 22 YP 12 GEL 3/10 FIL: 12.0
pH: 9.5 SOL: 14 CK: 2 OIL/WTR -86 CL: 1800 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 7, 8 3/4", HTC GX20 Tri-Cone, in @ 5377'

WOB: 37 RPM: 67 PP: 1600 SPM: 87

SURVEY: 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 41 min

LAST SAMPLE EXAMINED 5630' to 5660', 90% Sandstone, 5% Shale, 5% Claystone

GENERAL LITHOLOGY:

SANDSTONE: red-orange to pink to translucent to frosted, medium grained, occasional fine and coarse grains, predominately loose quartz/sand grains, traces of arkosic, calcareous clusters, subangular to subrounded, moderately sorted.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, earthy to slightly silty, slightly calcareous, micaceous in part.

CLAYSTONE: orange to pink to off-white, soft to very soft, earthy, limey, occasional quartz/sand grains in part, no fluorescence.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/2/06 TIME 05:00 DEPTH 5437' DEPTH YESTERDAY 5345'
FOOTAGE 92' MIN/FT AVG 9.6 FT/HR 6.5
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 23 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL), C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 5377' WT: 11.0 VIS: 47 PV: 20 YP 10 GEL 3/10 FIL: 12.8
pH: 9.5 SOL: 14 CK: 2 OIL/WTR -/86 CL: 1800 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 7, 8 3/4", HTC GX20 Tri-Cone, in @ 5377'; BIT# 6, Drilled 1128' in 91 Hours

WOB: 35-38 RPM: 60-65 PP: 2000 SPM: 103

SURVEY: 5341', 1.5 deg; 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 31 min

LAST SAMPLE EXAMINED 5390' to 5420', 30% Sandstone, 25% Shale, 45% Claystone

GENERAL LITHOLOGY:

SANDSTONE: red-orange to pink, very-fine grained, occasional fine grains, firm silty clusters, arkosic, calcareous, subangular to subrounded, occasional rounded grains, well sorted.

SHALE: dark orange-brown to dark red-brown, firm, platy to subplaty, slightly silty to earthy, slightly calcareous, micaeous in part.

CLAYSTONE: orange to pink to off-white, soft to very soft, earthy, limey, occasional quartz/sand grains in part, no fluorescence.

SAMPLE SHOWS none

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COMMENTS

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LAST 24 HOURS Drill to 5377', circulate out, TOOHP for new bit. Pick up new bit, TIH, NO Trip Gas, Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>7/1/06</u>	TIME <u>05:00</u>	DEPTH <u>5345'</u>	DEPTH YESTERDAY <u>5172'</u>
FOOTAGE <u>173'</u>	MIN/FT AVG <u>7.9</u>		FT/HR <u>7.6</u>
PRESENT OPERATION: <u>Drilling ahead</u>			
BACKGROUND GAS: <u>23</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>None</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm					
	Before/	during/	after			C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: <u>5213'</u>	WT: <u>10.9</u>	VIS: <u>54</u>	PV: <u>26</u>	YP: <u>12</u>	GEL: <u>4/12</u>	FIL: <u>14.4</u>
pH: <u>9.5</u>	SOL: <u>14</u>	CK: <u>2</u>	OIL/WTR: <u>-/86</u>	CL: <u>2000</u>	CA: <u>160</u>	

MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 6, 8 3/4", SEC FM3955 Tri-Cone, in @ 4249'

WOB: 14 RPM: 40 PP: 1500 SPM: 968

SURVEY: 5220', 1.5 deg; 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 33 min

LAST SAMPLE EXAMINED 5300' to 5330', 5% Sandstone, 30% Shale, 65% Claystone

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to pink to frosty to translucent, very-fine to medium grained, occasional coarse grains, firm silty clusters, occasional loose quartz grains, arkosic, calcareous, subangular to subrounded, very well sorted clusters, loose grains moderately to poorly sorted.

SHALE: dark red brown to dark brown, firm to slightly soft, slightly silty to earthy in part, platy to subplaty, slightly calcareous, micaceous in part.

CLAYSTONE: orange to pink to off-white, soft to very soft, earthy, limey, occasional quartz/sand grains in part, no fluorescence.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/30/06 TIME 05:00 DEPTH 5172' DEPTH YESTERDAY 4969'
FOOTAGE 203' MIN/FT AVG 7.5 FT/HR 9.6
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 23 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5

MUD DATA

DEPTH: 5055' WT: 10.9 VIS: 50 PV: 22 YP 14 GEL 4/10 FIL: 15.2
pH: 9.5 SOL: 14 CK: 2 OIL/WTR -/86 CL: 2000 CA: 160
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 6, 8 3/4", SEC FM3955 Tri-Cone, in @ 4249'

WOB: 14 RPM: 40 PP: 1500 SPM: 96

SURVEY: 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 32 min

LAST SAMPLE EXAMINED 5120' to 5150', 25% Sandstone, 30% Shale, 45% Claystone

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to pink to frosty to translucent, very-fine to medium grained, occasional coarse grains, firm silty clusters, occasional loose quartz grains, arkosic, calcareous, subangular to subrounded, very well sorted clusters, loose grains moderately to poorly sorted.

SHALE: dark red brown to dark brown, firm to slightly soft, slightly silty to earthy in part, platy to subplaty, slightly calcareous, micaeous in part.

CLAYSTONE: orange to pink to off-white, soft to very soft, earthy, very calcareous to limey, occasional quartz/sand grains in part, no fluorescence.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drill to 5075' rig repairs on air compressor, then continue drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>6/29/06</u>	TIME <u>05:00</u>	DEPTH <u>4969'</u>	DEPTH YESTERDAY <u>4632'</u>
FOOTAGE <u>337'</u>	MIN/FT AVG <u>3.9</u>	FT/HR <u>14.6</u>	
PRESENT OPERATION: <u>Drilling ahead</u>			
BACKGROUND GAS: <u>23</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>None</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: <u>4730'</u>	WT: <u>10.9</u>	VIS: <u>52</u>	PV: <u>18</u>	YP: <u>16</u>	GEL: <u>8/12</u>	FIL: <u>16.4</u>
pH: <u>9.0</u>	SOL: <u>14</u>	CK: <u>2</u>	OIL/WTR: <u>-86</u>	CL: <u>1800</u>	CA: <u>120</u>	

MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 6, 8 3/4", SEC FM3955 Tri-Cone, in @ 4249'

WOB: 15 RPM: 40 PP: 1500 SPM: 97

SURVEY: 4716', 1.5 deg; 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 31 min

LAST SAMPLE EXAMINED 4910' to 4940', 90% Sandstone, 10% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to pink to frosty to translucent, very-fine to medium grained, occasional coarse grains, firm silty clusters, occasional loose quartz grains, arkosic, calcareous, subangular to subrounded, very well sorted clusters, loose grains moderately to poorly sorted, occasionally micaeous in part

SHALE: dark red brown to dark brown, firm to slightly soft, slightly silty to earthy in part, platy to subplaty, slightly calcareous, micaeous in part.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/28/06 TIME 05:00 DEPTH 4632' DEPTH YESTERDAY 4490'
FOOTAGE 142' MIN/FT AVG 3.2 FT/HR 15.7
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 26 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL), C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 4490' WT: 10.7 VIS: 46 PV: 14 YP 21 GEL 16/31/46 FIL: 17.2
pH: 9.0 SOL: 12.5 CK: 3 OIL/WTR .5/87 CL: 2000 CA: 120
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 6, 8 3/4", SEC FM3955 Tri-Cone, in @ 4249'

WOB: 15 RPM: 40 PP: 1470 SPM: 95

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 36 min

LAST SAMPLE EXAMINED 4600' to 4620', 100% Sandstone

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to pink to frosty to translucent, very-fine to medium grained, occasional coarse grains, firm silty clusters, occasional loose quartz grains, arkosic, calcareous to slightly calcareous in part, subangular to subrounded, very well sorted clusters, loose grains moderately to poorly sorted, traces of dark gray to black shale.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drill to 4490' check flow, raise mud weight to 10.9 ppg kill mud to control water flow. Control water flow w/ 10.9 ppg mud and drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/27/06 TIME 05:00 DEPTH 4490' DEPTH YESTERDAY 4249'
 FOOTAGE 241' MIN/FT AVG 1.3 FT/HR 40
 PRESENT OPERATION: Checking for flow
 BACKGROUND GAS: 24 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 4249' WT: 8.4 VIS: 28 PV: 2 YP 1 GEL 0/0/1 FIL: 40.0
 pH: 10.2 SOL: 0.4 CK: <1 OIL/WTR .0/99.5 CL: 1200 CA: 120
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 6, 8 3/4", SEC FM3955 Tri-Cone, in @ 4249'

WOB: 14 RPM: 40 PP: 1120 SPM: 96

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 31 min

LAST SAMPLE EXAMINED 4400' to 4430', 95% Sandstone, 5% SHALE

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to pink to frosty to clear, very-fine to medium grained, occasional coarse grains, firm silty clusters in part, mostly loose quartz grains, arkosic, calcareous, subangular to subrounded, very well sorted clusters, loose grains moderately to poorly sorted,

SHALE: dark-gray to black to dark red-brown, soft to firm, subblocky to platy in part, earthy to silty in part, non calcareous to very slightly calcareous.

SAMPLE SHOWS none

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JUN 27 2006

COMMENTS

LAST 24 HOURS Rig repairs, waiting on parts and testing BOP. Pick up new BHA and TIH. Tag cement @ 4066', drill cement and shoe @ 4246'. Drill to 4090' check flow.

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43-037-31841

MORNING REPORT

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/26/06 TIME 05:00 DEPTH 4249' DEPTH YESTERDAY 4249'
FOOTAGE 0' MIN/FT AVG 0 FT/HR 0
PRESENT OPERATION: Rig repairs
BACKGROUND GAS: 0 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'INCR/BG = TOTAL'.

MUD DATA

DEPTH: 4249' WT: 12.0 VIS: 48 PV: 24 YP 12 GEL 5/11/1 FIL: 10.0
pH: 8.6 SOL: 18 CK: 2 OIL/WTR .5/81.5 CL: 1400 CA: 80
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 5 12 1/4" HTC ATJ33D Tri-Cone, in @ 4194', BIT# 5 Drilled 55' in 22.5 Hours

WOB: 40 RPM: 65 PP: 1300 SPM: 95

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 57 min
LAST SAMPLE EXAMINED 4240' to 4249', 90% Sandstone, 10% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to orange to pink to frosty to off-white, very-fine to medium grained, firm clusters in part, mostly loose quartz grains, arkosic, calcareous, subangular to subrounded, moderately to poorly sorted, traces of mica, abundant LCM with very poor sample quality.
SHALE: dark-gray to black to dark red-brown, soft to firm, subblocky to platy in part, earthy to silty in part, non calcareous to very slightly calcareous, occasional orange calcareous silty claystone.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Continue nipping up BOP, and testing. Transfer mud to frac tanks and clean out pits. Rig repairs, waiting on parts and testing.

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43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/25/06 TIME 05:00 DEPTH 4249' DEPTH YESTERDAY 4249'
FOOTAGE 0' MIN/FT AVG 0 FT/HR 0
PRESENT OPERATION: Finish Pressure testing BOP
BACKGROUND GAS: 0 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 4249' WT: 12.5 VIS: 47 PV: 25 YP 13 GEL 4/10/1 FIL: 10.0
pH: 9.9 SOL: 19.5 CK: 2 OIL/WTR .5/80 CL: 1400 CA: 40
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 5 12 1/4" HTC ATJ33D Tri-Cone, in @ 4194', BIT# 5 Drilled 55' in 22.5 Hours

WOB: 40 RPM: 65 PP: 1300 SPM: 95

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 57 min

LAST SAMPLE EXAMINED 4240' to 4249', 90% Sandstone, 10% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to orange to pink to frosty to off-white, very-fine to medium grained, firm clusters in part, mostly loose quartz grains, arkosic, calcareous, subangular to subrounded, moderately to poorly sorted, traces of mica, abundant LCM with very poor sample quality..

SHALE: dark-gray to black to dark red-brown, soft to firm, subblocky to platy in part, earthy to silty in part, non calcareous to very slightly calcareous, occasional orange calcareous silty claystone.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Run and cement 9 5/8" intermediate casing, Nipple up BOP, Finish pressure test BOP.

PASON SYSTEMS USA CORP.
MORNING REPORT

T 295 R 24 E S 14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/24/06 TIME 05:00 DEPTH 4249' DEPTH YESTERDAY 4233'
 FOOTAGE 16' MIN/FT AVG 32.1 FT/HR 1.9
 PRESENT OPERATION: Setting intermediate casing
 BACKGROUND GAS: 26 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 4238' WT: 12.35 VIS: 50 PV: 27 YP: 13 GEL: 5/10/1 FIL: 10.0
 pH: 10.0 SOL: 19.5 CK: 2 OIL/WTR: .5/80 CL: 1400 CA: 60
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 5 12 1/4" HTC ATJ33D Tri-Cone, in @ 4194', BIT# 5 Drilled 55' in 22.5 Hours

WOB: 40 RPM: 65 PP: 1300 SPM: 95

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 57 min

LAST SAMPLE EXAMINED 4240' to 4249', 90% Sandstone, 10% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to orange to pink to frosty to off-white, very-fine to medium grained, firm clusters in part, mostly loose quartz grains, arkosic, calcareous, subangular to subrounded, moderately to poorly sorted, traces of mica, abundant LCM with very poor sample quality..

SHALE: dark-gray to black to dark red-brown, soft to firm, subblocky to platy in part, earthy to silty in part, non calcareous to very slightly calcareous, occasional orange calcareous silty claystone.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drill to 4249, circulate out, TOO H for intermediate casing.

PASON SYSTEMS USA CORP.
MORNING REPORT

T293 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/23/06 TIME 05:00 DEPTH 4233' DEPTH YESTERDAY 4200'
 FOOTAGE 33' MIN/FT AVG 31.2 FT/HR 2.0
 PRESENT OPERATION: Drilling ahead
 BACKGROUND GAS: 24 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft <i>Before/ during/ after</i>	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH: 4205' WT: 12.4 VIS: 54 PV: 29 YP 16 GEL 4/11/2 FIL: 10.0
 pH: 9.8 SOL: 18.5 CK: 2 OIL/WTR .5/81 CL: 1300 CA: 60
 MUD LOST LAST 24 HRS: _____

BIT DATA

BIT DATA: BIT# 5 12 1/4" HTC ATJ33D Tri-Cone, in @ 4194', BIT# 4 Drilled 115' in 29.5 Hours

WOB: 40 RPM: 65 PP: 1320 SPM: 100

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 54 min

LAST SAMPLE EXAMINED 4220' to 4230', 90% Sandstone, 10% Shale

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to orange to frosty to off-white, very-fine to medium grained, firm clusters in part, mostly loose quartz grains, arkosic, calcareous, subangular to subrounded, moderately to poorly sorted, traces of mica, abundant LCM.

SHALE: dark-gray to orange, soft to firm, subblocky to subplaty, earthy to silty, slightly, occasional silty to sandy in part, slightly calcareous, occasional orange calcareous claystone.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drill to 4229', Lay back Kelly, Run Neutron & Gamma E-Logs thru drill pipe to determine water & shale strata. Kelly up and drilling ahead.

CONFIDENTIAL

PASON SYSTEMS USA CORP. MORNING REPORT

T 295 K 24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 6/22/06 TIME 05:00 DEPTH 4200' DEPTH YESTERDAY 4162'
FOOTAGE 38' MIN/FT AVG 18.1 FT/HR 2.5
PRESENT OPERATION: Drilling ahead
BACKGROUND GAS: 24 CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS INCR/BG = TOTAL, C-1, C-2, C-3, C-4, C-5. Includes sub-headers for 'Before/ during/ after' and 'ppm'.

MUD DATA

DEPTH: 4180' WT: 12.5 VIS: 60 PV: 36 YP 23 GEL 6/13/2 FIL: 8.0
pH: 9.8 SOL: 19 CK: 2 OIL/WTR .5/80.5 CL: 1200 CA: 80
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 5 12 1/4" HTC ATJ33D Tri-Cone, in @ 4194', BIT# 4 Drilled 115' in 29.5 Hours

WOB: 35 RPM: 65 PP: 1530 SPM: 105

SURVEY: 4179', 1.5 deg; 2916', 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS, 3633' FM NOW DRLG IN: CUTLER LAG TIME 51 min
LAST SAMPLE EXAMINED 4190' to 4200', 5% Sandstone, 5% Shale, 90% LCM

GENERAL LITHOLOGY:

SANDSTONE: dark red-brown to orange to frosty to off-white, very-fine to medium grained, firm, arkosic, calcareous, subangular to subrounded, moderately to poorly sorted, occasional dark purple steaks & mica.
SHALE: dark-gray to orange, soft to firm, subblocky to subplaty, platy in part, earthy to silty, slightly, occasional silty to sandy in part, calcareous to slight calcareous, occasional orange claystone.
LCM: wood fiber, saw dust, nut plug and traces of mica.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS Drill to 4194', circulate out, TOOH for new bit, TIH, NO Trip Gas, Drilling ahead.

PASON SYSTEMS USA CORP.

MORNING REPORT

CONFIDENTIAL

T295 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	6/21/06	TIME	05:00	DEPTH	4162'	DEPTH YESTERDAY	4079'
FOOTAGE	83'	MIN/FT AVG	12.2	FT/HR	4.4		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	24	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm					
	Before/	during/	after			C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 4104' WT: 12.4 VIS: 62 PV: 30 YP 18 GEL 5/28/4 FIL: 10.4
 pH: 8.5 SOL: 19 CK: 2 OIL/WTR .5/80.5 CL: 1100 CA: 180
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 4 12 1/4" ECONOMY F2 Tri-Cone, in @ 4079', BIT# 3 Drilled 1049' in 51 Hours

WOB: 45-47 RPM: 115 PP: 1800 SPM: 60/58=118

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS _____ FM NOW DRLG IN: CUTLER ? LAG TIME 43 min

LAST SAMPLE EXAMINED 4140' to 4150', 95% Sandstone, 5% Shale

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, predominately very-fine grained, occasional fine to medium grains, arkosic, calcareous, subrounded, to subangular, well- moderately sorted, occasional abundant LCM in samples, poor quality samples due to bypassing shaker screens.

SHALE: dark-gray to light-brown to orange, soft to slightly firm in part, subblocky to subplaty in part, earthy to silty, slightly calcareous.

SAMPLE SHOWS none

COMMENTS

LAST 24 HOURS TIH, ream 60' to bottom, Drilling ahead slowly

CONFIDENTIAL

PASON SYSTEMS USA CORP.
MORNING REPORT

T 295 R 24E S-14
43-032 31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	6/20/06	TIME	05:00	DEPTH	4079'	DEPTH YESTERDAY	4058'
FOOTAGE	21'	MIN/FT AVG	13.3	FT/HR			3.8
PRESENT OPERATION:	Working on cross-over sub between bit and mud motor to TIH with Bit# 4						
BACKGROUND GAS:	21	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH: 4058' WT: 11.7 VIS: 60 PV: 26 YP 22 GEL 11/26/38 FIL: 10.0
 pH: 9.5 SOL: 15 CK: 2 OIL/WTR .5/84.5 CL: 1200 CA: 100
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 4 12 1/4" ECONOMY F2 Tri-Cone, in @ 4079', BIT# 3 Drilled 1049' in 51 Hours'

WOB:	40	RPM:	70	PP:	1530	SPM:	95
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SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS **Cutler White Rim SS 3633'** FM NOW DRLG IN: **CUTLER** LAG TIME 54 min

LAST SAMPLE EXAMINED 4070' to 4079', 35% Sandstone, 10% Shale, 55% LCM

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, very-fine to medium grained, occasional coarse grains, arkosic, very slightly to non calcareous, subrounded, to subangular, well- moderately sorted, occasional pink to red feldspar grains, traces of shale.

SHALE: gray to light brown to red-brown to green-gray, firm, subblocky to subplaty in part, earthy to very slight silty in part, very slightly calcareous to slight calcareous.

LCM: wood fiber and nut plug

SAMPLE SHOWS none

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JUN 20 2006

COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS Condition mud to 12.5. ppg at 4058', and circulate to control water flow. Stop water flow, ream to bottom, Drill from 4058' to 4079' (21'). Circulate out, TOOH for bit and mud motor. Working on cross-over sub to TIH with Bit# 4

CONFIDENTIAL

PASON SYSTEMS USA CORP.

T 295 R 24E5-14
43-037-31841

MORNING REPORT

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	6/19/06	TIME	05:00	DEPTH	4058'	DEPTH YESTERDAY	4058'
FOOTAGE	0'	MIN/FT AVG	0	FT/HR	0		
PRESENT OPERATION:	Circulating 12.2 ppg mud to equalize mud in bottom of the hole						
BACKGROUND GAS:	0	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS						
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5	

MUD DATA

DEPTH: 4058' WT: 10.6 VIS: 53 PV: 20 YP 13 GEL 8/27/3 9 FIL: 10.8
 pH: 10.1 SOL: 11.5 CK: 2 OIL/WTR -88.5 CL: 1100 CA: 40
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 3 12 1/4" STC F27PS Tri-Cone, in @ 3030'

WOB: 0 RPM: 0 PP: 80 SPM: 66

SURVEY: 2916' 1 deg

GEOLOGICAL REPORT

NEW FM TOPS Cutler White Rim SS 3633' FM NOW DRLG IN: CUTLER LAG TIME 38 min

LAST SAMPLE EXAMINED 4030' to 4058', 95% Sandstone, 5% Shale

GENERAL LITHOLOGY:

SANDSTONE: orange to light red-brown to clear to off-white, very-fine to medium grained, occasional coarse grains, arkosic, very slightly to non calcareous, subrounded, to subangular, well- moderately sorted, occasional pink to red feldspar grains, traces of shale.

SHALE: gray to light gray-brown to light brown, firm, subblocky to subplaty in part, earthy to very slight silty in part, very slightly calcareous to slight calcareous.

SAMPLE SHOWS none

RECEIVED
JUN 19 2006

COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS Condition and Circulate with 12.2. ppg mud w/ 25% LCM at 4058', to control water flow, NO flow. Circulate and equalize mud in bottom of the hole to continue drilling soon.

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

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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: Cabot Oil & Gas Corporation		Contact: Terry Jackson	8. WELL NAME and NUMBER: McKenna 14-14
3. ADDRESS OF OPERATOR: 600 17th Street, Ste 900N Denver		PHONE NUMBER: 80202-8959 303-226-9400	9. API NUMBER: 4303731841
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679' FNL & 607' FEL			10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE Sec. 14, T29S-R24E			COUNTY: San Juan
			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 (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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 checked="" type="checkbox"/> OTHER: Spud to TD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	daily activity is attached

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

Cabot Oil & Gas Corporation Spud the McKenna # 14-14 on 5/24/06 using Unit Rig # 134.
Ran 9-5/8", 40# & 36#, LT&C set at 4,246' w/1169 sx. Circulated 92 bbl cmt to surf.
Reached TD of 9,124' on 8/5/06.
Ran 7", 26#, HCP-110, LT&C set at 9,124' set at 9,124' w/871 sx. Circulated 20 bbl cmt to surf.
Release rig @ 6:00 PM on 8/7/06.
Daily drilling reports are attached.

NAME (PLEASE PRINT) <u>Rolando D. Benavides</u>	TITLE <u>Contract Petroleum Engineer</u>
SIGNATURE	DATE <u>August 8, 2006</u>

(This space for State use only)

RECEIVED

AUG 10 2006

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
 Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

SAN JUAN County, UT	Spud Date: 05/24/2006
Program Year: 2006	Completion Date:
Location: SECTION 14, T29S, R24E	P&A Date:
Prospect: PARADOX	Lease Number:
Formation: GOTHIC	Date of First Prod:
AFE DHC/CWC: \$2,300,000 / \$3,600,000	Rig/Contractor: UNIT RIG #134
Net AFE DHC/CWC: \$1,533,410 / \$2,400,120	Service Contractor:
TD: 9124 PBSD:	Pipeline:
Permit No:	API Number: 4303731841
Drop Date:	UWI:
COGC WI / NRI: 66.67000% 65.00000%	GL / KB Elev: 6685 / 0
BPO / APO: 66.67000% 66.67000%	Rig Release: 08/07/2006

Project Type: 1-EXP DRILLING
05/22/2006 Current Depth: Daily Cost: \$275,462 AFE Cost to Date: \$275,462
 Current Status: RU UNIT RIG #134

Built road & location. Installed pit liner. Set 16" conductor pipe @ 60'. Move in Unit rig #134.
 Should spud on Wednesday, 5/24/06.

05/23/2006 Current Depth: 60 Daily Cost: \$16,940 AFE Cost to Date: \$292,402
 Current Status: RU UNIT RIG #134
 RU. Should spud on Wednesday, 5/24/06.

05/24/2006 Current Depth: 60 Daily Cost: \$33,660 AFE Cost to Date: \$326,062
 Current Status: RU UNIT RIG #134
 RU. Should spud today, 5-24-06.

05/25/2006 Current Depth: 402 Daily Cost: \$28,580 AFE Cost to Date: \$354,642
 Current Status: DRILLING
 Finished RU Unit rig #134. Spud 14-3/4" surface hole @ 5:30 PM, 5/24/06. Drill to f/ 60' - 402' / 12.0 hrs. Formation was extremely hard under conductor pipe to 200'. Hole started taking fluid @ 300', added 4-5% LCM, spot LCM pill. Lost ~200 bbls mud.
 SS Bit #1, 14.75", ss335, in @ 60', made 342' in 12 hrs, ROP 28.5
 MW 8.4, Vis 27

05/26/2006 Current Depth: 1,145 Daily Cost: \$43,580 AFE Cost to Date: \$398,222
 Current Status: DRILLING
 Drill f/ 402' to 839', 437' / 11.0 hrs, 39.7 fph.
 Drill f/ 839' to 993', 154' / 5.5 hrs, 28.0 fph.
 Drill f/ 993' to 1145', 152' / 6.5 hrs, 23.4 fph.
 SS Bit #1, 14.75", ss335, in @ 60', made 743' in 22.5 hrs, ROP 34.5
 MW 8.4, Vis 32
 Survey:
 MD Angle
 540 0.50
 993 0.50

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: **73271**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430037001**

Project Type: **1-EXP DRILLING**

05/27/2006 Current Depth: 2,166 Daily Cost: \$46,101 AFE Cost to Date: \$444,323

Current Status: **DRILLING**

Drill f/ 1145' to 1507', 362' / 7.5 hrs, 48.3 fph.
Drill f/ 1507' to 1790', 283' / 3.0 hrs, 94.3 fph.
Drill f/ 1790' to 2008', 218' / 6.0 hrs, 36.3 fph.
Drill f/ 2008' to 2152', 144' / 5.0 hrs, 28.8 fph.
Drill f/ 2152' to 2166', 14' / 0.5 hr, 28.0 fph.
SS Bit #1, 14.75", ss335, in @ 60', made 2106' in 56.5 hrs, ROP 37.3
MW 8.4, Vis 27

Survey:

MD	Angle
1540	1.00
2152	1.00

05/28/2006 Current Depth: 2,646 Daily Cost: \$34,846 AFE Cost to Date: \$479,169

Current Status: **CIRC & COND HOLE**

Drill to f/ 2166' to 2544', 378' / 8.5 hrs, 44.5 fph.
Drill f/ 2544' to 2606', 62' / 2.5 hrs, 24.8 fph.
Drill f/ 2606' to 2646', 40' / 2.5 hrs, 16.0 fph.
Circ, pump sweep & slug.
Made wiper trip to BHA (slm. No correction). Hole tight 2-stands off bottom.
Circ & condition hole.
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646', made 2586' in 70 hrs, ROP 36.9
MW 8.5, Vis 32

Survey:

MD	Angle
2540	1.00

05/29/2006 Current Depth: 2,646 Daily Cost: \$28,872 AFE Cost to Date: \$508,041

Current Status: **POOH, LD DP**

POOH, LD 12 jts DP, mud motor & 14-3/4" bit.
PU & TIH w/ underreamer.
Ream 14-3/4" to 17" f/ 2202' to 2608'.
POOH, LD 13 jts DP & 24 jts HWDP.
MW 8.5, Vis 33

Survey:

MD	Angle
2551	1.00

05/30/2006 Current Depth: 2,646 Daily Cost: \$25,216 AFE Cost to Date: \$533,257

Current Status: **TIH W/ FISHING TOOLS**

POOH w/ underreamer. Discovered one cone off reamer was left in hole.
Dress reamer w/ insert cones.
Ream f/ 65' to 68', had problems w/ reamer, arms not retracting fully.
POOH & take arms off reamer to check for problem. Have piston problem or broken spring, found part of spring (4") on rig floor. Sent reamer to Smith International in Rock Springs for repair.
TIH w/ junk basket, fishing jars & bumper sub to fish reamer cone.
MW 8.6, Vis 30

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
 Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
06/05/2006 Current Depth: 2,646 Daily Cost: \$27,062 AFE Cost to Date: \$739,869
 Current Status: **WASH & REAM TO BOTTOM**

Ream f/ 769' to 965'.
 TOO H, LD Smith 2-arm reamer. PU Baker 3- arm reamer.
 Ream f/ 77' to 84' & hit bridge, reamer would not pass. TOO H & LD reamer.
 PU 14-3/4" bit & TIH. Work through tight spots @ 84', 265', 529' & 2356' / 2 hrs.
 PU DP, wash & ream to 2515' w/ 7-10K# WOB & 70 RPM.
 MW 8.4, Vis 28
 SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/06/2006 Current Depth: 2,646 Daily Cost: \$31,412 AFE Cost to Date: \$771,281
 Current Status: **RUN 13 3/8" CASING**

Wash & ream w/ 14-3/4" bit f/ 2515' to 2646' / 1-1/2 hrs.
 Circ & POOH.
 PU under reamer. Check reamer action & change out shock subs.
 Under ream f/ 76' to 95'.
 POOH & LD reamer tools.
 RU Precision Services wireline. Ran GR-caliper log f/ 2646' to surface.
 TIH w/ 14-3/4" bit, wash & ream to 1766'.
 Circ & spot hi-vis pill @ 1766'.
 POOH & LD tools.
 RU casing tongs. PU 13-3/8" casing.
 MW 8.5, Vis 28
 SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/07/2006 Current Depth: 2,646 Daily Cost: \$101,175 AFE Cost to Date: \$872,456
 Current Status: **NU FMC CASINGHEAD**

Ran 43 jts 13-3/8", 61#, K-55, BTC casing. Landed 13-3/8" casing @ 1748' w/ float collar @ 1707'.
 Circ w/ rig pump & RD csg tools.
 Circ & RU BJ Services.
 Pumped 919 sx Premium Lite FM (12.0 ppg, 2.22 yld) w/ 8% gel, 2% CaCl₂, 3 lb/sx CSE, 3 lb/sx LCM-1 & 1/4 lb/sx celloflakes followed by 883 sx Type III cement (14.5 ppg, 1.40 yld) w/ 1% CaCl₂ & 1/4 lb/sx celloflakes.
 Lost circulation @ start of displacement. After 95 bbls displacement, regained circulation.
 Circ 80 bbls cement to surface. Bumped plug w/ 820 psi, float held.
 WOC/ 5-1/2 hrs.
 Cut conductor & 13-3/8" casing.
 MW 8.5, Vis 29
 SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/08/2006 Current Depth: 2,646 Daily Cost: \$139,095 AFE Cost to Date: \$1,011,551
 Current Status: **PRES TEST BOPE**

Weld on FMC 13-5/8"-3Mx13-3/8" casinghead. Wait on casinghead to cool, pres test. FMC brought wrong DSA, wait on correct DSA. PU BHA #2 & stand back in derrick. Install DSA & NU BOPE.

06/09/2006 Current Depth: 2,646 Daily Cost: \$26,684 AFE Cost to Date: \$1,038,235
 Current Status: **PRES TEST BOPE**

NU BOPE
 Pres test kelly.
 ND BOPS to remove 11" mud cross.
 PU new swivel & kelly spinner while waiting on new mud cross.
 Installed 13-5/8" mud cross.
 NU BOPE.
 Pres test BOPS.

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: 73271

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430037001

Project Type: 1-EXP DRILLING

06/10/2006 Current Depth: 2,646 Daily Cost: \$41,758 AFE Cost to Date: \$1,079,993

Current Status: WAIT ON PACKER

Completed BOP test. Pres test BOPE to 3000 psi high & 250 psi low, OK.

Attempted to pres test 13-3/8" casing. Pressured up to 900 psi w/ Double Jack test pump, pressure dropped to 300 psi immediately & then slowly decreased to 0 psi. Checked all flanges & blind rams for leaks, no surface leaks. Pres tested pump to 3000 psi for bleed back, pump OK.

Pressured up to 900 psi w/ rig pump, pressure dropped immediately just like test pump.

TIH w/ 12-1/4" bit & DP & tagged cement bridge @ 1666'. Drilled 2-1/2' cement & then fell through bridge. Used chemical to confirm that cuttings were cement. TIH & tagged float collar @ 1704.36'. POOH, SLM 1704.36'. Casing tally showed depth of float collar was 1706'.

Installed rotating head on BOP stack. Wait on Halliburton 13-3/8" test packer to be delivered f/ Casper.

06/11/2006 Current Depth: 2,646 Daily Cost: \$35,375 AFE Cost to Date: \$1,115,368

Current Status: DRILLING CEMENT

Wait on Halliburton test packer.

PU packer & TIH on DP. Tagged float collar @ 1704'. Pulled up to 1666' & set packer. Pres test below pkr/ 15 min, pres decreased f/ 877 psi to 784 psi, 93 psi / 15 min, 6.2 psi/min. Pres test annulus for 15 min, pres decreased f/ 894 psi to 821 psi, 73 psi / 15 min, 4.9 psi/min. Moved packer to 1660', pres test above & below pkr w/ same results. Lowered packer & tagged float collar, pulled up to 1689' & set pkr. Pres test below pkr, pres decreased f/ 930 psi to 877 psi, 53 psi / 15 min, 3.5 psi/min. POOH & LD packer. TIH w/ 12-1/4" bit & BHA. Tagged float collar. Built mud wt to 9.0 ppg w/ 30 vis. Closed pipe rams & pres up to 804 psi, pres decreased to 800 psi in 15 min, 0.3 psi/min. Drilled float collar, cement, 13-3/8" csg shoe & cement below shoe. Pres up to 320 psi, pres decreased to 200 psi in 5 min. Drilled cement to 1950'.

MW 9.0, Vis 29

SEC Bit #2, 12.25", XS30S

06/12/2006 Current Depth: 2,776 Daily Cost: \$59,404 AFE Cost to Date: \$1,174,772

Current Status: DRILLING

Drill cement to 2646', some sections stringers, other sections hard cement.

Drill new hole to 2776' in Chinle.

MW 9.0, Vis 33

SEC Bit #2, 12.25", XS30S, in @ 1746', made 130' in 23 hrs., ROP 5.7

06/13/2006 Current Depth: 2,919 Daily Cost: \$37,126 AFE Cost to Date: \$1,211,898

Current Status: DRILLING

Drill f/ 2776' to 2880', 104' / 10.0 hrs, 10.4 fph.

Check #2 draw works motor, need to replace clutch.

Drill f/ 2880' to 2891', 11' / 1.5 hrs, 7.3 fph.

Mud motor quit, POOH.

PU new mud motor & test, TIH.

Drill f/ 2891' to 2919', 28' / 4.0 hrs, 7.0 fph in Chinle.

MW 9.0, Vjs 31, WL 14.0

SEC Bit #2, 12.25", XS30S, in @ 1746', made 273' in 40.5 hrs., ROP 6.7

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: Cabot Oil & Gas Corporation Artesia Number: 430037001

Project Type: 1-EXP DRILLING
06/14/2006 Current Depth: 3,075 Daily Cost: \$38,684 AFE Cost to Date: \$1,250,582
Current Status: DRILLING

Drill from 2919' to 3030'.
Circulate , pump sweep & slug.
POOH & inspect bit.
Change out clutch on #2 draw works motor.
RIH with bit #3.
Drill f/3030' to 3075'.
MW 9.0, Vis 31, WL 14.0
SEC Bit #2, 12.25", XS30S, in @ 1746', out @ 3030', made 429' in 55.5 hrs., ROP 7.7.
SMITH Bit #3, 12.25", MM9026, in @ 3030', made 45' in 4 hrs, ROP 11.3.
Survey:
MD Angle
2920 1.00

06/15/2006 Current Depth: 3,417 Daily Cost: \$35,941 AFE Cost to Date: \$1,286,523
Current Status: DRILLING

Drill from 3075' to 3417'
MW 9.2, Vis 38, WL 15.0
SMITH Bit #3, 12.25", MM9026, in @ 3030', made 387' in 27 hrs, ROP 14.3.
Survey:
MD Angle
3380 1.00

06/16/2006 Current Depth: 4,061 Daily Cost: \$54,618 AFE Cost to Date: \$1,341,141
Current Status: DRILLING

Drill f/ 3417' to 3578', 161' / 9.5 hrs, 16.9 fph, pumping sweeps due to tight hole connections.
Drill f/ 3578' to 3641', 63' / 2.0 hrs, 31.5 fph. Strong water flow started @ 3615', initially 30-42 gpm. Attempt to control water flow w/ 10.1 ppg mud, flowed mud out of hole. Pumped 11.0 ppg mud, installed rotating head rubber & cut pump strokes back. Drill f/ 3641' to 4061', 420' / 7.0 hrs, 60.0 fph. Top of Cutler White Rim Sand @ 3633'. Flowed 11.0 ppg mud out of hole. Current water flow ~4 BPM. Will increase mud weight to 12.0 ppg to control water flow.

SMITH Bit #3, 12.25", MM9026, in @ 3030', made 1031' in 43.5 hrs, ROP 39.
Survey:
MD Angle
3380 1.00

06/17/2006 Current Depth: 4,058 Daily Cost: \$36,627 AFE Cost to Date: \$1,377,768
Current Status: KILL WATER FLOW

Build mud volume & condition mud to increase mud weight / 9 hrs. Wait on mud material / 4 hrs.
Build mud weight to 11.2 ppg w/ well shut in / 9 hrs. Annulus pressure dropped f/ 40 psi to 0 psi while mixing mud. Pump 11.2 ppg mud w/ 275 psi on annulus.
SMITH Bit #3, 12.25", MM9026, in @ 3030',

06/18/2006 Current Depth: 4,058 Daily Cost: \$82,331 AFE Cost to Date: \$1,460,099
Current Status: KILL WATER FLOW

Pump 11.2 ppg mud, annulus pressure 125 psi, lost circulation.
Wait on barite / 5 hrs.
Build mud weight to 11.2 ppg w/ 30% LCM.
Pump 11.2 ppg mud, annulus pressure 125 psi, lost 22 bbls / 10 min.
Build mud to 11.5 ppg w/ 40% LCM.
Pump 11.5 ppg mud w/ 40% LCM.
Checked flow on annulus, returned 40 bbls / 10 min. SI well, after 30 min had 480 psi on annulus.
SMITH Bit #3, 12.25", MM9026, in @ 3030',

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14**

AFE Number: 73271

Type: AA

Operator: Cabot Oil & Gas Corporation

Artesia Number: 430037001

Project Type: 1-EXP DRILLING

07/13/2006 Current Depth: 7,670 Daily Cost: \$31,167 AFE Cost to Date: \$2,690,130

Current Status: DRILLING

Precautionary wash & ream f/ 7411' to 7471', no fill, no tight spots, no fluid losses.

Circ, clean off bottom of hole & break in new bit.

Drill 8-3/4" hole f/ 7471' to 7581', 110' / 10.5 hrs, 10.5 fph.

Drill 8-3/4" hole f/ 7581' to 7630', 49' / 6.0 hrs, 8.2 fph.

Drill 8-3/4" hole f/ 7630' to 7670', 40' / 6.0 hrs, 6.7 fph.

MW 10.9, Vis 40, WL 6.9

SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', made 199' in 22.5 hrs, ROP 8.8

07/14/2006 Current Depth: 7,855 Daily Cost: \$33,531 AFE Cost to Date: \$2,723,661

Current Status: DRILLING

Drill 8-3/4" hole f/ 7670' to 7735', 65' / 8.0 hrs, 8.1 fph.

Service Rig.

Drill 8-3/4" hole f/ 7735' to 7763', 28' / 3.5 hrs, 8.0 fph.

Drill 8-3/4" hole f/ 7763' to 7799', 36' / 4.5 hrs, 8.0 fph.

Work on #1 & #2 mud pumps.

Drill 8-3/4" hole f/ 7799' to 7810', 11' / 1 hr, 11.0 fph.

Drill 8-3/4" hole f/ 7810' to 7831', 21' / 3.0 hrs, 7.0 fph.

Directional survey @ 7831', 0.5 deg.

Drill 8-3/4" hole f/ 7831' to 7855', 24' / 2.5 hrs, 9.6 fph.

MW 10.9, Vis 45, WL 6.7 in @ 7471',

SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', made 384 in 45 hrs, ROP 8.5

MD 7831' ANGLE 0.50

07/15/2006 Current Depth: 7,905 Daily Cost: \$52,317 AFE Cost to Date: \$2,775,978

Current Status: DRILLING

Drill 8-3/4" hole f/ 7855' to 7866', 11' / 2.0 hrs, 5.5 fph. Bit quit drilling, pump pres & torque gauge spiked. Circ bottoms up, pump dry job slug & TOOH. Break off bit #10. Make up bit #11 w/ boot basket & TIH to 7836'. Precautionary wash & ream f/ 7836' to 7866'. Circ 1' off bottom of hole, circ bottom of hole clean, no fill, no tight spots. Drill 8-3/4" hole f/ 7866' to 7885', 19' / 4.0 hrs, 4.8 fph. Drill 8-3/4" hole f/ 7885' to 7905', 20' / 6.0 hrs, 3.3 fph. Pump nut plug sweeps, used varied pump rates & RPM combinations. Checked w/ mud loggers on formation cuttings, unable to improve penetration rate, slow digging.

MW 10.9, Vis 46, WL 6.8

SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', out @ 7866', made 395 in 47 hrs, ROP 8.4

REED Bit #11, M4234P, in @ 7866', made 39' in 10 hrs, ROP 3.9

07/16/2006 Current Depth: 8,094 Daily Cost: \$38,009 AFE Cost to Date: \$2,813,987

Current Status: DRILLING

Drill 8-3/4" hole f/ 7905' to 7960', 55' / 8.5 hrs, 6.5 fph.

Drill 8-3/4" hole f/ 7960' to 7980', 20' / 3.0 hrs, 6.7 fph.

Drill 8-3/4" hole f/ 7980' to 8040', 60' / 6.0 hrs, 10.0 fph.

Drill 8-3/4" hole f/ 8040' to 8094', 54' / 6.0 hrs, 9.0 fph.

MW 10.9, Vis 47, WL 6.8

REED Bit #11, M4234P, in @ 7866', made 228' in 33.5 hrs, ROP 6.8

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING

07/17/2006 Current Depth: 8,242 Daily Cost: \$32,607 AFE Cost to Date: \$2,846,594

Current Status: DRILLING

Drill 8-3/4" hole f/ 8094' to 8148', 54' / 8.0 hrs, 6.8 fph.
Drill 8-3/4" hole f/ 8148' to 8172', 24' / 3.5 hrs, 6.9 fph.
Drill 8-3/4" hole f/ 8172' to 8210', 38' / 6.0 hrs, 6.3 fph.
Drill 8-3/4" hole f/ 8210' to 8242', 32' / 6.0 hrs, 5.3 fph.
MW 10.8, Vis 57, WL 6.7
REED Bit #11, M4234P, in @ 7866', made 376' in 57 hrs, ROP 6.6

07/18/2006 Current Depth: 8,259 Daily Cost: \$50,695 AFE Cost to Date: \$2,897,289

Current Status: KILL WATER FLOW

Drill to 8259', ROP decreased to 3 - 4 fph.
Circ & pump slug, POOH.
RU Schlumberger. Ran AIT-GR correlation log, loggers TD 8260'. Well started flowing 2 BPM & cut mud wt 10.9 to 9.8 ppg.
TIH w/ bit #12 w/ new motor & jars. TIH w/ BHA & 1-stand DP, well flowing 2 BPM, mud cut to 8.8 ppg.
Build mud wt to 11.6 ppg. Pump 110 bbls down DP w/ csg choked back, return 8.6 ppg water.
SI well, after 30 min had 280 psi on DP & 400 psi on csg.
REED Bit #11, M4234P, in @ 7866', out @ 8259', made 393' in 61 hrs, ROP 6.4
SEC Bit #12, XS30S, in @ 8259'

07/19/2006 Current Depth: 8,259 Daily Cost: \$86,455 AFE Cost to Date: \$2,983,744

Current Status: CONDITIONING MUD

Build 13 ppg mud in pits & wait on well control assistance.
Pump 22 bbls 13 ppg mud down DP w/ 9 bbl gain, SIDPP 250 psi, SICP 400 psi.
Build 15 ppg slug in pill tank.
Pump 22 bbls 15 ppg mud down DP, SIDPP 0 psi, SICP 400 psi.
PU dart valve & kelly.
Pump 20 bbls 12.8 ppg mud to clear DP.
Strip DP in hole to 9-5/8" csg shoe @ 4246', bleeding off csg pressure every 3 jts while monitoring pres.
Cut back mud wt in pits to 11.8 ppg.
SEC Bit #12, XS30S, in @ 8259'

07/20/2006 Current Depth: 8,259 Daily Cost: \$45,865 AFE Cost to Date: \$3,029,609

Current Status: CIRC HOLE CLEAN

Condition mud, cut mud weight back to 11.8 ppg.
Pumped 399 bbls 11.8 ppg mud down DP & through choke. Measured mud volume pumped in & out, adjusted choke to keep mud volume pumped in equal to mud volume pumped out. Returned 11.7 ppg mud to surface.
Initial SICP 100 psi, after 30 min SICP 150 psi. Initial SIDPP 0 psi, after 30 min SIDPP 100 psi.
Circ, strip in hole to 6605'.
Circ & build mud volume, mud wt 11.9 ppg, vis 54. Checked well pressure, well dead on both sides.
Circ hole, water flow controlled.
TIH to 8252'. Circ hole to clean up, well dead.
MW 12.1, Vis 54, WL 8.8
SEC Bit #12, XS30S, in @ 8259'

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/21/2006 Current Depth: 8,280 Daily Cost: \$35,274 AFE Cost to Date: \$3,064,883
Current Status: **TIH W/ CORE TOOLS**

Circ to clean hole, 2-full circulations.
Drill f/ 8259' to 8280', 21' / 3.5 hrs, 6.0 fph.
Circ bottoms up,
POOH (slm, no correction),
LD BHA.
PU core bit & barrel,
TIH.
MW 11.7, Vis 47, WL 10.0
SEC Bit #12, 8.75", S30S, in @ 8259', out @ 8280', made 21' in 3.5 hrs, ROP 6.0
Survey:
MD Angle
8280 6.50

07/22/2006 Current Depth: 8,340 Daily Cost: \$34,866 AFE Cost to Date: \$3,099,749
Current Status: **POOH W/ CORE #1**

TIH w/ 8-3/4" coring assembly.
Cut core from 8240' to 8308', 68' / 6.5 hrs, 10.5 fph.
Cut core from 8308' to 8340', 32' / 5.0 hrs, 6.4 fph in Honaker Trail 2.
Gas show in Honaker Trail 2: 8297'-8310': 186 units.
Circ bottoms up & check for water flow, no flow.
TOOH w/ core #1.
MW 11.6, Vis 53, WL 8.8
SEC Bit #12, 8.75", S30S, in @ 8259', out @ 8280'

07/23/2006 Current Depth: 8,369 Daily Cost: \$27,771 AFE Cost to Date: \$3,127,520
Current Status: **DRILLING**

TOOH, recovered 59' of core.
PU bit #12RR & BHA,
TIH to 8266',
wash & ream to 8304'.
Circulate & dump heavy slug of mud to reserve pit.
Wash to bottom @ 8340'.
Drill from 8340' to 8389', checking different drilling parameters.
MW 11.4, Vis 53, WL 7.8
SEC Bit #12rr, 8.75", S30S, in @ 8340', made 49' in 11 hrs, ROP 4.5

07/24/2006 Current Depth: 8,525 Daily Cost: \$49,762 AFE Cost to Date: \$3,177,282
Current Status: **WORKING TIGHT PIPE**

Drill f/ 8389' to 8399', 10' / 2.5 hrs, 4.0 fph.
Drill f/ 8399' to 8449', 50' / 9.0 hrs, 5.6 fph.
Drill f/ 8449' to 8525', 76' / 11.0 hrs, 6.9 fph.
Work tight hole while making connection to get back to bottom.

Gas shows in Honaker Trail 1:
8455' - 8485': 170 units
8505' - 8517': 203 units
MW 11.4, Vis 55, WL 8.5
SEC Bit #12rr, 8.75", S30S, in @ 8340', made 185' in 34 hrs, ROP 5.4
Survey:
MD Angle
8428 6.50
8525 4.00

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/25/2006 Current Depth: 8,595 Daily Cost: \$36,968 AFE Cost to Date: \$3,214,250

Current Status: RUN CORRELATION LOG

Drill f/ 8525' to 8556', 31' / 5.0 hrs, 6.2 fph.
Drill f/ 8556' to 8595', 39' / 5.5 hrs, 7.1 fph.
Circ & pump slug, POOH, LD BHA.
Run gamma ray correlation log.
MW 11.3, Vis 51, WL 8.4
SEC Bit #12rr, 8.75", S30S, in @ 8340', out @ 8595', made 255' in 44.5 hrs, ROP 5.7
Survey:
MD Angle
8543 6.00

07/26/2006 Current Depth: 8,650 Daily Cost: \$67,771 AFE Cost to Date: \$3,282,021

Current Status: CIRC & CONDITION HOLE @ CORE POINT #2

Finished running gamma ray correlation log (loggersTD 8597').
TIH to 9-5/8" csg shoe.
Circ & condition mud.
TIH to bottom, drill f/ 8595' to 8650', 55' / 9.5 hrs, 5.8 fph.
Circulate @ core point #2.
MW 11.4, Vis 52, WL 7.9
SEC Bit #12rr, 8.75", S30S, in @ 8595', out @ 8650'

07/27/2006 Current Depth: 8,650 Daily Cost: \$35,364 AFE Cost to Date: \$3,317,385

Current Status: PRES TEST BOPE

Circ & condition hole. RU Safety Alliance H2S equipment. Safety Alliance personnel trained everyone on location on H2S safety. POOH & LD BHA. No tight spots, no losses, no gain on trip.
Pres test BOPE. Accumulator would not pressure up over 2000 psi, repaired. Blind rams would not pres test, repaired.
MW 11.4, VIS 52

07/28/2006 Current Depth: 8,699 Daily Cost: \$44,949 AFE Cost to Date: \$3,362,334

Current Status: CORING HONAKER TRAIL 1

Finished BOP test. Pres test BOP to 5000 psi high & 250 psi low. Pres test annular to 2500 psi.
TIH to 9-5/8" csg shoe w/ core barrel & bit, circ hole. TIH to bottom, circulate & drop ball.
Cut core from 8650' to 8699', 49' / 13.0 hrs, 3.8 fph in Honaker Trail 1.

MW 11.4, VIS 53, API WL 8.0

07/29/2006 Current Depth: 8,738 Daily Cost: \$45,717 AFE Cost to Date: \$3,408,051

Current Status: DRILLING

Cut core f/ 8699' to 8710', 11' / 2.0 hrs, 5.5 fph in Honaker Trail 1.
Note: Core #2 cut total of 60' of core in Honaker Trail 1 f/ 8650' to 8710'.
Gas show: 8679' - 8702': 98 units.
Circ & pump slug, POOH.
Performed BOP drill & had safety meeting on H2S.
Make up & stand back core barrel.
PU BHA & bit #13RR.
TIH to 8680', wash to bottom.
Drill f/ 8710' to 8738', 28' / 4.5 hrs, 6.2 fph.
MW 11.4, VIS 54, WL 6.0
SEC Bit #13RR, s30s, in @ 8710', made 94' in 14 hrs, ROP 6.7

Well History

08-Aug-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/30/2006 Current Depth: 8,845 Daily Cost: \$39,147 AFE Cost to Date: \$3,447,198
Current Status: CIRC & CONDITION HOLE @ CORE POINT #3

Drill f/ 8738' to 8802', 64' / 10.0 hrs, 6.4 fph.
Mud coming back clabbered & fluffy, unable to check vis. Circ & condition mud, weight 11.4, vis 64. Drill f/ 8802' to 8840', 38' / 5.5 hrs, 6.9 fph.
Gas show: 8802' - 8840': 125 units.
Mud coming back clabbered & fluffy, unable to check vis. Circ & condition mud, weight 11.5, vis 61. Suspect problem w/ mud is due to anhydrite stringers. Add chemicals to smooth out mud.
Drill to core point @ 8845'. Circ & condition mud.
MW 11.5, VIS 60, WL 8.4
SEC Bit #13RR, s30s, in @ 8710', out @ 8845', made 201' in 30.5 hrs, ROP 6.6

07/31/2006 Current Depth: 8,873 Daily Cost: \$51,326 AFE Cost to Date: \$3,498,524
Current Status: CORING

Circ & condition mud.
POOH, no hole problems, LD BHA.
TIH w/ coring tools to 8835', circulate & condition hole.
Core f/ 8845' to 8873' in Hovenweep, 28' / 9.0 hrs, 3.1 fph.
Gas show: 8848'-8863': 108 units.
MW 11.5, VIS 57, WL 12
SEC Bit #13RR, s30s, in @ 8710', out @ 8845',

08/01/2006 Current Depth: 8,910 Daily Cost: \$56,133 AFE Cost to Date: \$3,554,657
Current Status: DRILLING.

Core f/ 8873' to 8879' in Hovenweep. Coring ROP decreased to 1.5 fph. Circ & pump slug, POOH. Note: Core #3 cut total of 34' of core in Hovenweep f/ 8845' to 8879'. Gas show: 8870'-8877': 131 units. LD down core barrel & tools. Recovered 29' of core, 85% recovery. Make up new core barrel & stand back in derrick. PU BHA & bit #14. TIH to 8858', wash to bottom. Drill f/ 8879' to 8910', 31' / 5.5 hrs, 5.6 fph.
MW 11.4, VIS 58, WL 8.2
SEC Bit #14, 8.75", S25S, in @ 8879', made 31' in 5.5 hrs, ROP 5.6.

08/02/2006 Current Depth: 8,979 Daily Cost: \$54,797 AFE Cost to Date: \$3,609,454
Current Status: TIH W/ CORING TOOLS.

Drill f/ 8910' to 8961', 51' / 9.0 hrs, 5.7 fph. Drill f/ 8961' to 8979', 18' / 5.0 hrs, 3.6 fph to core point #4. Circ & condition mud.
POOH, LD BHA. PU core assembly & TIH.
MW 11.4, VIS 64, WL 10.4
SEC Bit #14, 8.75", S25S, in @ 8879', out @ 8979', made 100' in 19.5 hrs, ROP 5.1.

MD ANGLE
8971' 5.00

08/03/2006 Current Depth: 9,017 Daily Cost: \$34,596 AFE Cost to Date: \$3,644,050
Current Status: CORING

TIH to 9-5/8" csg shoe @ 4246', circ.
TIH to 8978', circ.
Core f/ 8979' to 9017', 38' / 18.0 hrs, 2.1 fph.
Gas show: 8996' - 9010': 100 units.
MW 11.4, VIS 55, WL 8.0
SEC Bit #14, 8.75", S25S, in @ 8879', out @ 8979,

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill 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: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: McKenna 14-14
9. API NUMBER: 4303731841
10. FIELD AND POOL, OR WILDCAT: Wildcat
1. TYPE OF WELL: OIL WELL [] GAS WELL [X] OTHER
2. NAME OF OPERATOR: Cabot Oil & Gas Corporation Contact: Terry Jackson
3. ADDRESS OF OPERATOR: 600 17th Street, Ste 900N Denver CO 80202-8959 PHONE NUMBER: 303-226-9400
4. LOCATION OF WELL: 679' FNL & 607' FEL COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE Sec. 14, T29S-R24E 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, ACIDIZE, ALTER CASING, CASING REPAIR, CHANGE TO PREVIOUS PLANS, CHANGE TUBING, CHANGE WELL NAME, CHANGE WELL STATUS, COMMINGLE PRODUCING FORMATIONS, CONVERT WELL TYPE, DEEPEN, FRACTURE TREAT, NEW CONSTRUCTION, OPERATOR CHANGE, PLUG AND ABANDON, PLUG BACK, PRODUCTION (START/RESUME), RECLAMATION OF WELL SITE, RECOMPLETE - DIFFERENT FORMATION, REPERFORATE CURRENT FORMATION, SIDETRACK TO REPAIR WELL, TEMPORARILY ABANDON, TUBING REPAIR, VENT OR FLARE, WATER DISPOSAL, WATER SHUT-OFF, OTHER: Correction to previous Spud to TD report.

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

Cabot Oil & Gas Corporation Spud the McKenna # 14-14 on 5/24/06 using Unit Rig # 134.
Ran 13-3/8", 61#, K-55, BTC set at 1748' w/919 sx. Circulated 80 bbl cmt to surf.
Ran 9-5/8", 40# & 36#, LT&C set at 4,246' w/1169 sx. Circulated 92 bbl cmt to surf.
Reached TD of 9,124' on 8/5/06.
Ran 7", 26#, HCP-110, LT&C set at 9,124' set at 9,124' w/871 sx. Circulated 20 bbl cmt to surf.
Release rig @ 6:00 PM on 8/7/06.

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NAME (PLEASE PRINT) Rolando D. Benavides TITLE Contract Petroleum Engineer
SIGNATURE [Signature] DATE August 8, 2006

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SON SYSTEMS USA CO. MORNING REPORT

T295 R24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 8/05/06 TIME 05:00 DEPTH 9124' DEPTH YESTERDAY 9035'
FOOTAGE 89' MIN/FT AVG 4.3 FT/HR 14.8
PRESENT OPERATION: Running platform express E-Logs
BACKGROUND GAS: 26u CONNECTION GAS: None TRIP GAS: 135u

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, C-1, C-2, C-3, C-4, C-5. Row 1: 9035'-9064'/ 29', 46.0-3.8-10.6, LS/SH, 144/120=264u, 21u.

MUD DATA

DEPTH: 9124' WT: 11.7 VIS: 58 PV: 28 YP 14 GEL 6/12 FIL: 7.6
pH: 11.0 SOL: 16 CK: 1 OIL/WTR -/84 CL: 1600 CA: 40
MUD LOST LAST 24 HRS: Dumped 100 bbl of salt contaminated mud

BIT DATA

BIT DATA: BIT# 20, 8 3/4", SEC, EBXS30S, Tri-Cone in @ 9035', BIT# 20, drilled 89' in 6 hours

WOB: 37 RPM: 55 PP: 1820 SPM: 86

SURVEY: 8971', 5 deg; 8929', 6 deg; 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Gothic SH, 8956' FM NOW DRLG IN: GOTHIC LAG TIME 62 min

LAST SAMPLE EXAMINED: 9070' to 9074', 90% Anhydrite, 10% Limestone

GENERAL LITHOLOGY

ANHYDRITE: white to off-white to buff, soft-mushy, earthy, non to very slight calcareous in part.

LIMESTONE: dark gray to black to dark gray-brown, hard, microcrystalline to cryptocrystalline, Mudstone, massive to finely laminated in part, occasionally dolomitic in part.

SAMPLE SHOWS: SHALE: dark gray to black, firm to moderately hard in part, earthy, very calcareous to limey, subplaty to platy, traces of black carbonaceous fragments and partings, interbedded with dark gray to black microcrystalline limestone, NFSOC.

COMMENTS

LAST 24 HOURS: Finish TIH, ream 42' to bottom, circulate, 135u Trip Gas, Drill from 9035' to 9124' TD 8/4/06 12:00pm, 50' of salt rat hole below last Anhydrite, circulate and condition mud, after dumping 100 bbl salt contaminated mud, & build volume after salt contamination, TOOH for E-Logs. Running platform express E-Logs, DRILLERS TD 9124', LOGGERS TD 9119'

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T295 R24E S14 43-039-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 8/04/06 TIME 05:00 DEPTH 9035' DEPTH YESTERDAY 9015'
FOOTAGE 20' MIN/FT AVG 28.2 FT/HR 2.0
PRESENT OPERATION: TIH to drill to TD
BACKGROUND GAS: 85u CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS, ppm (C-1 to C-5). Includes sub-headers 'Before/ during/ after' and 'INCR/BG = TOTAL'.

MUD DATA

DEPTH: 9022' WT: 11.6 VIS: 60 PV: 32 YP 16 GEL 4/12 FIL: 7.6
pH: 10.5 SOL: 16 CK: 1 OIL/WTR -84 CL: 2700 CA: 40
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 20, 8 3/4", SEC, EBXS30S, Tric-Cone in @ 9035', RR BIT# 13/19, drilled 56' in 27.5 hours

WOB: 17-19 RPM: 70 PP: 1530 SPM: 78

SURVEY: 8971', 5 deg; 8929', 6 deg; 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Gothic SH, 8956' FM NOW DRLG IN: GOTHIC LAG TIME 67 min

LAST SAMPLE EXAMINED: 9030' to 9035', 30% Limestone, 65% Dolomite. 5% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, microcrystalline to cryptocrystalline, Mudstone, massive to finely laminated in part, occasionally dolomitic in part, traces of yellow fluorescence, NO cut, stain or ring.

DOLOMITE: dark gray to black, hard, micro crystalline slightly to non-calcareous, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, slightly to non-calcareous, finely laminated to platy, traces of carbonaceous fragments

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SAMPLE SHOWS:

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COMMENTS

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LAST 24 HOURS: Finish drilling Core#4 of Gothic Shale from 8979' to 9035'(56'). Circulate out, TOO H with core. Lay down 56' of core. Ticora, measures, (actual core length 56'), cuts up core, and canisters core sections for gas desorption. Pick up bit & mud motor, TIH

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MORNING REPORT

T295 R24E S14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	8/03/06	TIME	05:00	DEPTH	9015'	DEPTH YESTERDAY	8979'
FOOTAGE	36'	MIN/FT AVG	27.3	FT/HR			2.1
PRESENT OPERATION:	Drilling Core# 4, Gothic Shale						
BACKGROUND GAS:	70u	CONNECTION GAS:	None	TRIP GAS:	100u		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5
8996'-9010'/ 14'	27.6-21.8-29.4	LS	28/72=100				74	

MUD DATA

DEPTH:	8979'	WT:	11.5	VIS:	55	PV:	24	YP:	16	GEL:	4/11	FIL:	8.0
pH:	10.5	SOL:	16	CK:	1	OIL/WTR	-/84	CL:	4600			CA:	40
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: Rerun BIT# 13/19, 8 3/4", DPI CMD233, Core Bit in @ 8979', RR BIT# 13/19, drilled 60' in 19.5 hours

WOB:	17-19	RPM:	70	PP:	1530	SPM:	78
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SURVEY: 8971', 5 deg; 8929', 6 deg; 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: **Gothic SH, 8956'** FM NOW DRLG IN: **GOTHIC** LAG TIME **67 min**

LAST SAMPLE EXAMINED: **9000' to 9010', 40% Limestone, 50% Dolomite, 10% Shale**

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, microcrystalline to cryptocrystalline, Mudstone, massive to finely laminated in part, occasionally dolomitic in part, occasional yellow fluorescence, NO cut, stain or residual ring.

DOLOMITE: dark gray to black, hard, micro crystalline slightly to non-calcareous, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, slightly to non-calcareous, platy to subplaty.

SAMPLE SHOWS: LIMESTONE: dark gray to black to dark gray brown, hard, microcrystalline to cryptocrystalline in part, massive to finely laminated in part, occasional dull yellow fluorescence, NO cut, stain or residual ring.

COMMENTS

LAST 24 HOURS: Finish TIH, with core bit & barrel, circulate, 100u Trip Gas. Drilling Core#4 of Gothic Shale from 8979'.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 8/02/06 TIME 05:00 DEPTH 8979' DEPTH YESTERDAY 8907'
 FOOTAGE 70' MIN/FT AVG 12.9 FT/HR 4.5
 PRESENT OPERATION: TIH for Core# 4 of Gothic Shale
 BACKGROUND GAS: 66u CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm				
				C-1	C-2	C-3	C-4	C-5
8930'-8955'/ 25'	8.6-3.8-9.7	LS	68/40=108				21	

MUD DATA

DEPTH: 8970' WT: 11.5 VIS: 64 PV: 28 YP: 12 GEL: 4/12 FIL: 10.4
 pH: 11.5 SOL: 16 CK: 2 OIL/WTR: -/84 CL: 4600 CA: 40
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: Rerun BIT# 13/19, 8 3/4", DPI CMD233, Core Bit in @ 8979', BIT# 18, drilled 100' in 19.5 hours

WOB: 36 RPM: 55 PP: 1840 SPM: 87

SURVEY: 8971', 5 deg; 8929', 6 deg; 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Gothic SH, 8956' FM NOW DRLG IN: GOTHIC LAG TIME 66 min

LAST SAMPLE EXAMINED: 8970' to 8979', 75% Limestone, 15% Dolomite, 10% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, predominately microcrystalline to cryptocrystalline, Mudstone, massive, occasionally dolomitic in part.

DOLOMITE: frosted to dark gray to light gray, hard, micro crystalline slightly to non-calcareous, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, non calcareous, subblocky to subplaty.

SAMPLE SHOWS: LIMESTONE: light gray to light gray brown to medium gray, hard, microcrystalline to cryptocrystalline in part, massive to finely laminated in part, occasional dull yellow fluorescence, rare yellow brown stain, oily odor, with NO cut or residual ring.

COMMENTS

LAST 24 HOURS: Drill to 8979', circulate out, TOOHS for Core# 4, Gothic SH. Pick up Core bit & barrels, TIH.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	8/01/06	TIME	05:00	DEPTH	8907'	DEPTH YESTERDAY	8870'
FOOTAGE	37'	MIN/FT AVG	8.3 after TIH	FT/HR	8.2 after TIH		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	34u	CONNECTION GAS:	None	TRIP GAS:	84u		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5
8870'-8877' / 7'	17.7-11.8-36.1	DOL	73/58=131				69	

MUD DATA

DEPTH:	8879'	WT:	11.5	VIS:	68	PV:	32	YP:	14	GEL:	4/10	FIL:	8.2
pH:	10.5	SOL:	16	CK:	2	OIL/WTR	-/84	CL:	2000	CA:	240		

MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: New BIT# 18, 8 3/4", SEC, XS25S, Tri-Cone in @ 8879', RR BIT# 13/17, drilled 34' in 12.5 hours

WOB:	36	RPM:	55	PP:	1870	SPM:	85
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SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Hovenweep SH, 8838' FM NOW DRLG IN: HOVENWEEP SH LAG TIME 63 min

LAST SAMPLE EXAMINED: 8890' to 8900', 65% Dolomite, 15% Shale, 20% Limestone

GENERAL LITHOLOGY:

DOLOMITE: frosted to light gray to translucent, hard, micro crystalline slightly to non-calcareous, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, non calcareous, subblocky to subplaty.

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline, Mudstone, massive.

SAMPLE SHOWS:

COMMENTS

LAST 24 HOURS: Drill core to 8879', circulate out and TOOH with Core# 3. Ticora measures, (actual core length 29.3', 8845' to 8874'), cuts up sections, canisters sections for gas desorption. Pick up new bit & mud motor, TIH, 84u Trip Gas. Drilling ahead.

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CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/30/06	TIME	05:30	DEPTH	8845'	DEPTH YESTERDAY	8732'
FOOTAGE	113'	MIN/FT AVG	8.8	FT/HR			6.5
PRESENT OPERATION:	Circulating out before TOOH for Core point# 3						
BACKGROUND GAS:	32u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5
8808'-8840'/ 32'	10.2-2.4-19.5	SS	85/40=125u				21u	

MUD DATA

DEPTH: 8778' WT: 11.4 VIS: 64 PV: 30 YP: 14 GEL: 8/18 FIL: 8.4
 pH: 8.5 SOL: 17 CK: 2 OIL/WTR: -/83 CL: 4700 CA: 2400
 MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: Rerun BIT# 14/16, 8 3/4", SEC, EXBS30S, Tri-Cone, in @ 8710', RR BIT# 14/16, drilled 135' in 20.5 hours

WOB: 36 RPM: 50 PP: 2170 SPM: 85

SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 64 min

LAST SAMPLE EXAMINED: 8830' to 8840', 65% Sandstone, 30% Shale, 5% Limestone

GENERAL LITHOLOGY:

SANDSTONE: frosted to light gray to translucent, hard to moderately hard, very fine grained, subrounded to subangular, grain supported, calcareous, well sorted, interbedded with shales and limestone, NFSOC

SHALE: dark gray to black, hard, earthy, non calcareous, subblocky to subplaty, traces of black carbonaceous fragments.

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, traces of black carbonaceous fragments.

SAMPLE SHOWS:

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COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS: Drill to 8801' circulate and condition mud, high Cl & Ca content, raise pH to control Cl levels. Resume drilling to 8840' circulate and condition mud, high viscosity mud, CO2 contamination? Mud won't pass through vis funnel, continue conditioning mud. Drill to 8845' Core point# 3, circulate out before TOOH for Core point# 3.

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MORNING REPORT

T29S R24E S-14
43-032-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE <u>7/29/06</u>	TIME <u>05:00</u>	DEPTH <u>8732'</u>	DEPTH YESTERDAY <u>8710'</u>
FOOTAGE <u>22'</u>	MIN/FT AVG <u>8.3</u>	FT/HR <u>7.3</u>	
PRESENT OPERATION: <u>Drilling ahead</u>			
BACKGROUND GAS: <u>32u</u>	CONNECTION GAS: <u>None</u>	TRIP GAS: <u>54u</u>	

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS INCR/BG = TOTAL	ppm				
				C-1	C-2	C-3	C-4	C-5
8679'-8702/ 23'	17.8-9.4-13.3	LS	40/58=98					

MUD DATA

DEPTH: <u>8710'</u>	WT: <u>11.5</u>	VIS: <u>54</u>	PV: <u>24</u>	YP: <u>14</u>	GEL: <u>3/9</u>	FILE: <u>6.0</u>
pH: <u>9.0</u>	SOL: <u>16</u>	CK: <u>1</u>	OIL/WTR: <u>-84</u>	CL: <u>1500</u>	CA: <u>40</u>	
MUD LOST LAST 24 HRS: _____						

BIT DATA

BIT DATA: Rerun BIT# 14/16, 8 3/4", SEC, EXBS30S, Tri-Cone, in @ 8710', RR BIT# 13, drilled 60' in 15 hours

WOB: <u>32</u>	RPM: <u>50</u>	PP: <u>1930</u>	SPM: <u>87</u>
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SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268', 2.5 deg; 6798', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 64 min

LAST SAMPLE EXAMINED: 8700' to 8710', 85% Limestone, 15% Shale

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, traces of black carbonaceous fragments and partings

SHALE: dark gray to black, hard, earthy, slightly calcareous to non calcareous, platy, rare black carbonaceous fragments & partings.

SAMPLE SHOWS:

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COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS: Finish drilling core from 8650' to 8710' (60'), circulate out, TOOH with core. Safety Alliance checks core, no H₂S, but some CO₂ detected, Ticora measures, (actual core length 60.8') cuts up core, and canisters core sections for gas desorption. Pick up and Rerun Bit# 14/16 SEC EBXS30S and mud motor, TIH, 54u Trip Gas, and Drilling ahead.

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MORNING REPORT

T 295 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/28/06	TIME	05:00	DEPTH	8696'	DEPTH YESTERDAY	8650'
FOOTAGE	46'	MIN/FT AVG	15.3	FT/HR	3.8		
PRESENT OPERATION:	Drilling core						
BACKGROUND GAS:	82u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS					
	Before/	during/	after		INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5

MUD DATA

DEPTH:	8650'	WT:	11.6	VIS:	47	PV:	20	YP	14	GEL	3/8	FIL:	8.0
pH:	8.5	SOL:	18	CK:	1	OIL/WTR	-/82	CL:	1600	CA:	40		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: Rerun BIT# 13, 8 3/4", DPI, CMD233, Core Bit, in @ 8650', BIT# 14, drilled 55' in 9.5 hours

WOB:	17	RPM:	70	PP:	1600	SPM:	80
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SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 64 min

LAST SAMPLE EXAMINED: 8680' to 8690', 70% Limestone, 20% Shale, 10% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, dolomitic in part, massive to fine laminated, traces of black carbonaceous fragments and partings

SHALE: dark gray to black to dark gray-brown, hard, earthy, slightly calcareous to non calcareous, subplaty to platy, traces of black carbonaceous fragments & partings.

SANDSTONE: light gray to off-white to frosted, firm to moderately hard, fine grained, subangular to subrounded, grain supported, calcareous, .

SAMPLE SHOWS:

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COMMENTS

LAST 24 HOURS: Finish work on BOP rams. Pick up core bit & barrels, TIH, circulate & condition mud, NO Trip Gas, Drilling 2nd Core interval from 8650' to 8710' (60').

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MORNING REPORT

T 295 R 24E S-14
43-039-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: LEE VAUGHAN & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/27/06	TIME	05:00	DEPTH	8650'	DEPTH YESTERDAY	8648'
FOOTAGE	2'	MIN/FT AVG	13.0	FT/HR	4.6		
PRESENT OPERATION:	Working on BOP						
BACKGROUND GAS:	60u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					ppm				
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5				

MUD DATA

DEPTH:	8595'	WT:	11.4	VIS:	52	PV:	22	YP:	15	GEL:	6/12	FIL:	7.9
pH:	8.5	SOL:	22	CK:	2	OIL/WTR:	-78	CL:	3200	CA:	80		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: BIT# 14, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8595', BIT# 14, drilled 55' in 9.5 hours

WOB:	35	RPM:	50	PP:	1870	SPM:	85
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SURVEY: 8650', 3 deg; 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 64 min

LAST SAMPLE EXAMINED: 8640' to 8650', 75% Limestone, 20% Shale, 5% Sandstone

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, traces of black carbonaceous fragments and partings

SHALE: dark gray to black to dark gray-brown, hard, earthy, slightly calcareous to non calcareous, subplaty to platy, traces of black carbonaceous fragments & partings.

SANDSTONE: light gray to off-white to frosted, firm to moderately hard, fine grained, subangular to subrounded, grain supported, calcareous, .

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SAMPLE SHOWS:

COMMENTS

DIV. OF OIL, GAS & MINING

LAST 24 HOURS: Drill to 8650' for 2nd Core interval of Paradox Shale, circulate out, TOO H for 2nd Core interval. Test BOP and work on BOP rams.

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T295 R24E S-14 43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE 7/26/06 TIME 05:00 DEPTH 8648' DEPTH YESTERDAY 8595'
FOOTAGE 53' MIN/FT AVG 10.5 FT/HR 6.6
PRESENT OPERATION: Drill ahead
BACKGROUND GAS: 60u CONNECTION GAS: None TRIP GAS: None

GAS INCREASES & SHOWS

Table with columns: INTERVAL/THICKNESS, ROP min/ft, LITH, TOTAL GAS UNITS (INCR/BG = TOTAL, C-1, C-2, C-3, C-4, C-5), ppm. The table is currently empty.

MUD DATA

DEPTH: 8595' WT: 11.4 VIS: 52 PV: 22 YP 15 GEL 6/12 FIL: 7.9
pH: 8.5 SOL: 22 CK: 2 OIL/WTR -178 CL: 3200 CA: 80
MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: BIT# 14, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8595', RRBIT# 12, drilled 255' in 47 hours

WOB: 35 RPM: 50 PP: 1870 SPM: 85

SURVEY: 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 64 min

LAST SAMPLE EXAMINED: 8610' to 8640', 85% Limestone, 10% Shale, 5% Anhydrite

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, traces of black carbonaceous fragments and partings

SHALE: dark gray to black to dark gray-brown, hard, earthy, slightly calcareous to non calcareous, subplaty to platy, traces of black carbonaceous fragments & partings.

ANHYDRITE: white to bright white, soft-mushy, earthy, non calcareous.

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SAMPLE SHOWS:

DIV. OF OIL, GAS & MINING

COMMENTS

LAST 24 HOURS: Finish E-Logs to correlate for 2nd Core interval, NOT missing section. Pick up new bit & mud motor, TIH, Drill from 8595'. NO Trip Gas, shakers bypassed, no gas or samples, due to thick, high viscosity mud, from possible CO2 contamination? Treat mud and drilling to 8650' for 2nd Core interval of Paradox Shale.

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SON SYSTEMS USA CO
MORNING REPORT

T 29S R 24E S-14
43-037-3184/

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/24/06	TIME	05:00	DEPTH	8525'	DEPTH YESTERDAY	8385'
FOOTAGE	140'	MIN/FT AVG	9.8	FT/HR	6.0		
PRESENT OPERATION:	Drilling ahead						
BACKGROUND GAS:	60u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft Before/ during/ after	LITH	TOTAL GAS UNITS					
			INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5
8455-8485/ 30'	10.7-5.4-8.9	LS	121/49=170				25u	
8505-8517/ 12'	9.6-3.8-9.5	SS	156/47=203				6u	

MUD DATA

DEPTH:	8416'	WT:	11.4	VIS:	55	PV:	23	YP:	14	GEL:	7/14	FIL:	8.5
pH:	8.5	SOL:	23	CK:	2	OIL/WTR:	-77	CL:	3000	CA:	80		
MUD LOST LAST 24 HRS:													

BIT DATA

BIT DATA: Rerun BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8280'; BIT# 13, Drilled 60' in 11.5 hours

WOB:	40	RPM:	50	PP:	1720	SPM:	80
------	----	------	----	-----	------	------	----

SURVEY: 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg; 5800', 1.5 deg;

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 62 min

LAST SAMPLE EXAMINED: 8490' to 8520', 85% Limestone, 10% Sandstone, 5% Anhydrite

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, occasional black carbonaceous fragments and partings

SANDSTONE: frosted to very light gray to translucent, hard, very fine grained, subangular to subrounded, grain supported, slightly calcareous, well sorted, NFSOC

ANHYDRITE: white to broght white, soft-mushy, earthy, non calcareous .

SAMPLE SHOWS: LIMESTONE: black to dark gray, hard, cryptocrystalline, MUDSTONE, massive to fine laminated, occasional black carbonaceous fragments and partings, traces of black coal shale, NFSOC

COMMENTS

LAST 24 HOURS: Drilling ahead.

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IV. OF OIL, GAS & MINING

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SON SYSTEMS USA CORP
MORNING REPORT

T295 R24E S-14
43-037-31841

CABOT OIL & GAS CORP. McKENNA 14-14

REPORT FOR: DAVE MOORE & HARVEY DUCHENE REPORT BY: KENT RODDY

DATE	7/25/06	TIME	05:00	DEPTH	8595'	DEPTH YESTERDAY	8525'
FOOTAGE	70'	MIN/FT AVG	8.2	FT/HR	6.0		
PRESENT OPERATION:	Running E-Logs						
BACKGROUND GAS:	50u	CONNECTION GAS:	None	TRIP GAS:	None		

GAS INCREASES & SHOWS

INTERVAL/THICKNESS	ROP min/ft			LITH	TOTAL GAS UNITS					
	Before/	during/	after		INCR/BG = TOTAL	C-1	C-2	C-3	C-4	C-5

MUD DATA

DEPTH:	8556'	WT:	11.3	VIS:	1	PV:	22	YP:	15	GEL:	6/12	FIL:	8.4
pH:	8.5	SOL:	22	CK:	2	OIL/WTR:	-78	CL:	3200	CA:	80		

MUD LOST LAST 24 HRS:

BIT DATA

BIT DATA: Rerun BIT# 12, 8 3/4", SEC EBXS30S, Tri-Cone, in @ 8280', RRBIT# 12, drilled 255' in 49 hours

WOB:	40	RPM:	50	PP:	1740	SPM:	80
------	----	------	----	-----	------	------	----

SURVEY: 8543', 6 deg; 8397', 6.5 deg; 8246', 6.5 deg; 7831', 0.5 deg; 7268' 2.5 deg; 6798' 1.5 deg; 6300', 1.5 deg

GEOLOGICAL REPORT

NEW FM TOPS: Honaker Trail Shale, 8280' FM NOW DRLG IN: HONAKER TRAIL LAG TIME 63 min

LAST SAMPLE EXAMINED: 8580' to 8595', 90% Limestone, 5% Sandstone, 5% Anhydrite

GENERAL LITHOLOGY:

LIMESTONE: dark gray to black to dark gray-brown, hard, cryptocrystalline to microcrystalline, Mudstone, massive to fine laminated, occasional black carbonaceous fragments and partings

SANDSTONE: frosted to very light gray to translucent, hard, very fine grained, subangular to subrounded, grain supported, slightly calcareous, well sorted, NFSOC

ANHDRITE: white to broght white, soft-mushy, earthy, non calcareous .

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SAMPLE SHOWS:

COMMENTS

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LAST 24 HOURS: Drilled through 2nd Core interval, 8430' to 8483' & correlates to Middle Mesa well 6418' to 6469'. Faulted ~8394'? missing ~177' of section. Estimated Hovenweep Shale top @ ~8631' in McKenna well. Drill to 8595', circulate out, TOO H for E-Logs to correlate for 2nd Core interval of Hovenweep carbonate and shale, currently running E-Logs.

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

CONFIDENTIAL

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
McKenna 14-14

9. API NUMBER:
4303731841

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENE 14 T29S R24E

12. COUNTY
San Juan

13. STATE
UTAH

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

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER TIGHT HOLE

2. NAME OF OPERATOR:
Cabot Oil & Gas Corporation

3. ADDRESS OF OPERATOR: 600 17th St. Ste. 900N CITY Denver STATE CO ZIP 80209 PHONE NUMBER: (303) 226-9444

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 679' FNL & 607' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

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14. DATE SPUDDED: 05/24/2006

15. DATE T.D. REACHED: 08/05/2006

16. DATE COMPLETED: 10/27/2007 2007 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 6685' GR 6702 KB

18. TOTAL DEPTH: MD 9,124' TVD _____

19. PLUG BACK T.D.: MD 9,077' TVD _____

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD 8620' TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL, GR, CCL, AI w/Linear, SP, MUD

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14-3/4"	13-3/8" K-55	61#	0	1,748'		1802	1019	surf	
12-1/4"	9-5/8" J-55	40# & 36#	0	4,246'		1169	683	surf	
8-3/4"	7" HCP-110	26#	0	9,124'		871	662	surf	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Gothic	8950'	9045'			8925' - 9051'		56	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Hovenweep	8824'	8868'			8850' - 8875'		25	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Ismay	8689'	8824'			8812' - 8822'		30	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D) Honaker Trail	8282'	8349'			8292' - 8685'		56	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
Gothic 8925'-9051'	1764 bbl Lightning-22 x-link gelled water & 132,307 # 30-50 mesh econoprop.
Honaker Trial 8292'-8321'	833 bbl 70% qual N2 foam & 70,000 # 20-40 mesh Santrol Tempered LC

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: DRILLING REPORTS CEMENT SUMMARY

30. WELL STATUS: TA

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/21/06		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF: Trace	WATER - BBL:	PROD. METHOD: swab test
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: P&A

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 10/10/06		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF: Trace	WATER - BBL:	PROD. METHOD: swab test
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: P&A

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED: 10/16/06		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF: Trace	WATER - BBL:	PROD. METHOD: swab test
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: P&A

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED: 10/24/06		TEST DATE: 10/26/06		HOURS TESTED: 15		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 58	WATER - BBL: 0	PROD. METHOD: flow annulus
CHOKE SIZE: 10/64	TBG. PRESS. 380 SI	CSG. PRESS. 170 flowing	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 94	WATER - BBL: 0	INTERVAL STATUS: TA

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Flared

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

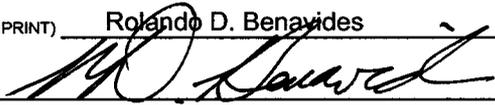
34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Entrada ss	1101'
				Navajo ss	1551'
				Wingate ss	2150'
				Chinle Fm	2505'
				White Rim ss	3633'
				Honaker Tail	7050'
				La Sal	7942'
				Hatch	8580'
				Upper Ismay	8690'
				Hovenweep Sh	8824'
				Lower Ismay	8867'
				Gothic Shale	8951'
				Desert Creek	9045'
				Salt	9065'

35. ADDITIONAL REMARKS (Include plugging procedure)

From btm, up, set CIBP at 8915' w/20 cmt on top. Set CIBP at 8840' w/10' cmt on top. Set CIBP at 8770' w/20' cmt on top. Set CIBP at 8620' w/20' cmt on top.

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

NAME (PLEASE PRINT) Rolando D. Benavides TITLE Contract Petroleum Engineer
 SIGNATURE  DATE 11/20/06

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

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Wellbore Diagram

Elev. GL: 6,685'
KB: 6,702'

Spud: 05/24/06
Comp: 10/27/06 (TA pending evaluation)

Surface Casing

13-3/8", 61#, K-55, BTC
set at 1,748' w/1802 sx
circ. 80 bbl cmt to surf.

Hole Size
14-3/4"

Intermediate Casing

9-5/8", 40# & 36#, J-55, LT&C
set at 4,246' w/1,169 sx.
circ. 92 bbl cmt to surf.

Hole Size
12-1/4"

Production Casing

7", 26#, HCP-110, LT&C
set at 9,124' w/871 sx.
marker jt at 8166'
circ 20 bbl cmt to surf.

Hole Size
8-3/4"

CBL shows good bond to 4900'

Tubing

2-3/8", 4.7#, N-80, EUE
w/1.81" F-nipple 1 jt from btm
landed at 8184'

Honaker Trail 2 Perfs

8292'-8298' 8313'-8321' 4 spf

Frac Honaker Trail 2 8292'-8321'

down 7" w/833 bbl 70% qual N2 foam &
70,000 # 20-40 mesh Santrol Tempered LC

Honaker Trail 1 Perfs

8650'-8685' 2 spf

CIBP @ 8620'
w/20' of cmt on top

Ismay Perfs

8812'-8822' 3 spf

CIBP @ 8770'
w/20' of cmt on top

Hovenweep Perfs

8850'-8875' 1 spf

CIBP @ 8840'
w/10' of cmt on top

Gothic Perfs

8925'-9050' 1 spf

CIBP @ 8915'
w/20' of cmt on top

Gothic Shale Perfs

9032', 9046', 9051' 2 spf

Frac Gothic 8925'-9051'

down 7" x 2-3/8" annulus w/1764 bbl
Lightning-22 x-link gelled water &
132,307 # 30-50 mesh econoprop

PBTD 9,077' (float collar)
TD 9,124' MD

 **Cabot Oil & Gas Corporation**

McKenna # 14-14

679' FNL & 607' FEL

NE NE Section 14 T29S - R24E

San Juan County, Utah

API # : 43-037-31841

by RDB 11/03/06

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

SAN JUAN County, UT	Spud Date:	05/24/2006
Program Year: 2006	Completion Date:	
Location: SECTION 14, T29S, R24E	P&A Date:	
Prospect: PARADOX	Lease Number:	
Formation: GOTHIC	Date of First Prod:	
AFE DHC/CWC: \$2,300,000 / \$3,600,000	Rig/Contractor:	UNIT RIG #134
Net AFE DHC/CWC: \$1,533,410 / \$2,400,120	Service Contractor:	
TD: 9124 PBD: 9075	Pipeline:	
Permit No:	API Number:	4303731841
Drop Date: 10/27/2006	UWI:	
COGC WI / NRI: 66.67000% 65.00000%	GL / KB Elev:	6685 / 0
BPO / APO: 66.67000% 66.67000%	Rig Release:	08/07/2006

Project Type: 1-EXP DRILLING
05/22/2006 Current Depth: Daily Cost: \$275,462 AFE Cost to Date: \$275,462
Current Status: RU UNIT RIG #134

Built road & location. Installed pit liner. Set 16" conductor pipe @ 60'. Move in Unit rig #134.
Should spud on Wednesday, 5/24/06.

05/23/2006 Current Depth: 60 Daily Cost: \$16,940 AFE Cost to Date: \$292,402
Current Status: RU UNIT RIG #134
RU. Should spud on Wednesday, 5/24/06.

05/24/2006 Current Depth: 60 Daily Cost: \$33,660 AFE Cost to Date: \$326,062
Current Status: RU UNIT RIG #134
RU. Should spud today, 5-24-06.

05/25/2006 Current Depth: 402 Daily Cost: \$28,580 AFE Cost to Date: \$354,642
Current Status: DRILLING
Finished RU Unit rig #134. Spud 14-3/4" surface hole @ 5:30 PM, 5/24/06. Drill to f/ 60' - 402' 12.0 hrs. Formation was extremely hard under conductor pipe to 200'. Hole started taking fluid @ 300', added 4-5% LCM, spot LCM pill. Lost ~200 bbls mud.
SS Bit #1, 14.75", ss335, in @ 60', made 342' in 12 hrs, ROP 28.5
MW 8.4, Vis 27

05/26/2006 Current Depth: 1,145 Daily Cost: \$43,580 AFE Cost to Date: \$398,222
Current Status: DRILLING
Drill f/ 402' to 839', 437' / 11.0 hrs, 39.7 fph.
Drill f/ 839' to 993', 154' / 5.5 hrs, 28.0 fph.
Drill f/ 993' to 1145', 152' / 6.5 hrs, 23.4 fph.
SS Bit #1, 14.75", ss335, in @ 60', made 743' in 22.5 hrs, ROP 34.5
MW 8.4, Vis 32
Survey:
MD Angle
540 0.50
993 0.50

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Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING

05/27/2006 Current Depth: 2,166 Daily Cost: \$46,101 AFE Cost to Date: \$444,323

Current Status: DRILLING

Drill f/ 1145' to 1507', 362' / 7.5 hrs, 48.3 fph.
Drill f/ 1507' to 1790', 283' / 3.0 hrs, 94.3 fph.
Drill f/ 1790' to 2008', 218' / 6.0 hrs, 36.3 fph.
Drill f/ 2008' to 2152', 144' / 5.0 hrs, 28.8 fph.
Drill f/ 2152' to 2166', 14' / 0.5 hr, 28.0 fph.
SS Bit #1, 14.75", ss335, in @ 60', made 2106' in 56.5 hrs, ROP 37.3
MW 8.4, Vis 27

Survey:

MD	Angle
1540	1.00
2152	1.00

05/28/2006 Current Depth: 2,646 Daily Cost: \$34,846 AFE Cost to Date: \$479,169

Current Status: CIRC & COND HOLE

Drill to f/ 2166' to 2544', 378' / 8.5 hrs, 44.5 fph.
Drill f/ 2544' to 2606', 62' / 2.5 hrs, 24.8 fph.
Drill f/ 2606' to 2646', 40' / 2.5 hrs, 16.0 fph.
Circ, pump sweep & slug.
Made wiper trip to BHA (slm. No correction). Hole tight 2-stands off bottom.
Circ & condition hole.
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646', made 2586' in 70 hrs, ROP 36.9
MW 8.5, Vis 32

Survey:

MD	Angle
2540	1.00

05/29/2006 Current Depth: 2,646 Daily Cost: \$28,872 AFE Cost to Date: \$508,041

Current Status: POOH, LD DP

POOH, LD 12 jts DP, mud motor & 14-3/4" bit.
PU & TIH w/ underreamer.
Ream 14-3/4" to 17" f/ 2202' to 2608'.
POOH, LD 13 jts DP & 24 jts HWDP.
MW 8.5, Vis 33

Survey:

MD	Angle
2551	1.00

05/30/2006 Current Depth: 2,646 Daily Cost: \$25,216 AFE Cost to Date: \$533,257

Current Status: TIH W/ FISHING TOOLS

POOH w/ underreamer. Discovered one cone off reamer was left in hole.
Dress reamer w/ insert cones.
Ream f/ 65' to 68', had problems w/ reamer, arms not retracting fully.
POOH & take arms off reamer to check for problem. Have piston problem or broken spring, found part of spring (4") on rig floor. Sent reamer to Smith International in Rock Springs for repair.
TIH w/ junk basket, fishing jars & bumper sub to fish reamer cone.
MW 8.6, Vis 30

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
05/31/2006 Current Depth: 2,646 Daily Cost: \$25,453 AFE Cost to Date: \$558,710

Current Status: **WAIT ON UNDER REAMER**

TIH w/ 12-1/4" junk basket to 2577', wash f/ 2577' to 2608'.
POOH & LD junk basket. Recovered (4) 5" chunks of cement.
TIH w/ 14-3/4" bit to 2573', wash to 2644' & tag fish.
Circ, pump sweep & slug, POOH.
TIH w/ magnet to 2644'.
Engage fish & chain out of hole. Recovered reamer cone.
Wait on under reamer/ 4 hrs.
MW 8.7, VIS 30

06/01/2006 Current Depth: 2,646 Daily Cost: \$45,734 AFE Cost to Date: \$604,444

Current Status: **UNDER REAMING**

Wait on under reamer from Smith/ 3-1/2 hrs.
PU reamer & check connections. Run DC & 26 jts HWDP in hole. POOH, LD to have singles.
TIH w/ under reamer. Open 14-3/4" hole to 17" f/ 68' to 130', 62' / 3.0 hrs, 20.7 fph w/ 5-7K# WOB & 55 RPM.
Open hole to 17" f/ 130' to 298', 168' / 9.0 hrs, 18.7 fph.
MW 8.6, Vis 30

06/02/2006 Current Depth: 2,646 Daily Cost: \$33,386 AFE Cost to Date: \$637,830

Current Status: **UNDER REAMING**

Open 14-3/4" hole to 17" f/ 298' to 381', 83' / 6.0 hrs, 13.8 fph, hard reaming w/ high torque.
Open hole to 17" f/ 381' to 512', 131' / 6.0 hrs, 21.8 fph.
Open hole to 17" f/ 512' to 770', 258' / 6.0 hrs, 43.0 fph.
Open hole to 17" f/ 770' to 1015', 245' / 6.0 hrs, 40.8 fph.

MW 8.5, Vis 30

06/03/2006 Current Depth: 2,646 Daily Cost: \$35,154 AFE Cost to Date: \$672,984

Current Status: **UNDER REAMING**

Open 14-3/4" hole to 17" f/ 1015' to 1133', 118' / 5.5 hrs, 21.5 fph.
Circ & pump sweep, POOH.
Check reamer cones & move jet nozzles to bottom of bull nose.
TIH & PU HWDP.
Open hole to 17" f/ 1133' to 1357', 224' / 6.0 hrs, 37.3 fph.
Open hole to 17" f/ 1357' to 1407', 50' / 1.5 hrs, 33.3 fph.
Open hole to 17" f/ 1407' to 1518', 111' / 3.5 hrs, 31.7 fph.
MW 8.5, Vis 30

06/04/2006 Current Depth: 2,646 Daily Cost: \$39,823 AFE Cost to Date: \$712,807

Current Status: **UNDER REAMING**

Open 14-3/4" hole f/ 1518' to 1545', 27' / 1 hr, 27.0 fph.
Open hole to 17" f/ 1545' to 1700', 155' / 5.0 hrs, 31.0 fph.
Open hole to 17" f/ 1700' to 1773', 73' / 4.5 hrs, 16.2 fph. Reaming slowed down & torque increased.
Circ, POOH & LD reamer, 1-cone had been sliding.
TIH w/ new reamer to 1773',
attempt to ream, torque was too high.
POOH 2-stands at a time to find spot where hole was full gauge @ 743'.
Ream f/ 743' to 769'.
MW 8.4, Vis 28

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: Cabot Oil & Gas Corporation Artesia Number: 430037001

Project Type: 1-EXP DRILLING
06/05/2006 Current Depth: 2,646 Daily Cost: \$27,062 AFE Cost to Date: \$739,869
Current Status: WASH & REAM TO BOTTOM

Ream f/ 769' to 965'.
TOOH, LD Smith 2-arm reamer. PU Baker 3- arm reamer.
Ream f/ 77' to 84' & hit bridge, reamer would not pass. TOOH & LD reamer.
PU 14-3/4" bit & TIH. Work through tight spots @ 84', 265', 529' & 2356' / 2 hrs.
PU DP, wash & ream to 2515' w/ 7-10K# WOB & 70 RPM.
MW 8.4, Vis 28
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/06/2006 Current Depth: 2,646 Daily Cost: \$31,412 AFE Cost to Date: \$771,281
Current Status: RUN 13 3/8" CASING

Wash & ream w/ 14-3/4" bit f/ 2515' to 2646' / 1-1/2 hrs.
Circ & POOH.
PU under reamer. Check reamer action & change out shock subs.
Under ream f/ 76' to 95'.
POOH & LD reamer tools.
RU Precision Services wireline. Ran GR-caliper log f/ 2646' to surface.
TIH w/ 14-3/4" bit, wash & ream to 1766'.
Circ & spot hi-vis pill @ 1766'.
POOH & LD tools.
RU casing tongs. PU 13-3/8" casing.
MW 8.5, Vis 28
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/07/2006 Current Depth: 2,646 Daily Cost: \$101,175 AFE Cost to Date: \$872,456
Current Status: NU FMC CASINGHEAD

Ran 43 jts 13-3/8", 61#, K-55, BTC casing. Landed 13-3/8" casing @ 1748' w/ float collar @ 1707'.
Circ w/ rig pump & RD csg tools.
Circ & RU BJ Services.
Pumped 919 sx Premium Lite FM (12.0 ppg, 2.22 yld) w/ 8% gel, 2% CaCl₂, 3 lb/sx CSE, 3 lb/sx LCM-1 & 1/4 lb/sx celloflakes followed by 883 sx Type III cement (14.5 ppg, 1.40 yld) w/ 1% CaCl₂ & 1/4 lb/sx celloflakes.
Lost circulation @ start of displacement. After 95 bbls displacement, regained circulation.
Circ 80 bbls cement to surface. Bumped plug w/ 820 psi, float held.
WOC/ 5-1/2 hrs.
Cut conductor & 13-3/8" casing.
MW 8.5, Vis 29
SS Bit #1, 14.75", ss335, in @ 60', out @ 2646'

06/08/2006 Current Depth: 2,646 Daily Cost: \$139,095 AFE Cost to Date: \$1,011,551
Current Status: PRES TEST BOPE

Weld on FMC 13-5/8"-3Mx13-3/8" casinghead. Wait on casinghead to cool, pres test. FMC brought wrong DSA, wait on correct DSA. PU BHA #2 & stand back in derrick. Install DSA & NU BOPE.

06/09/2006 Current Depth: 2,646 Daily Cost: \$26,684 AFE Cost to Date: \$1,038,235
Current Status: PRES TEST BOPE

NU BOPE
Pres test kelly.
ND BOPS to remove 11" mud cross.
PU new swivel & kelly spinner while waiting on new mud cross.
Installed 13-5/8" mud cross.
NU BOPE.
Pres test BOPS.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
06/10/2006 Current Depth: 2,646 Daily Cost: \$41,758 AFE Cost to Date: \$1,079,993
Current Status: WAIT ON PACKER

Completed BOP test. Pres test BOPE to 3000 psi high & 250 psi low, OK.
Attempted to pres test 13-3/8" casing. Pressured up to 900 psi w/ Double Jack test pump, pressure dropped to 300 psi immediately & then slowly decreased to 0 psi. Checked all flanges & blind rams for leaks, no surface leaks. Pres tested pump to 3000 psi for bleed back, pump OK.
Pressured up to 900 psi w/ rig pump, pressure dropped immediately just like test pump.
TIH w/ 12-1/4" bit & DP & tagged cement bridge @ 1666'. Drilled 2-1/2' cement & then fell through bridge. Used chemical to confirm that cuttings were cement. TIH & tagged float collar @ 1704.36'. POOH, SLM 1704.36'. Casing tally showed depth of float collar was 1706'.
Installed rotating head on BOP stack. Wait on Halliburton 13-3/8" test packer to be delivered f/ Casper.

06/11/2006 Current Depth: 2,646 Daily Cost: \$35,375 AFE Cost to Date: \$1,115,368
Current Status: DRILLING CEMENT

Wait on Halliburton test packer.
PU packer & TIH on DP. Tagged float collar @ 1704'. Pulled up to 1666' & set packer. Pres test below pkr/ 15 min, pres decreased f/ 877 psi to 784 psi, 93 psi / 15 min, 6.2 psi/min. Pres test annulus for 15 min, pres decreased f/ 894 psi to 821 psi, 73 psi / 15 min, 4.9 psi/min. Moved packer to 1660', pres test above & below pkr w/ same results. Lowered packer & tagged float collar, pulled up to 1689' & set pkr. Pres test below pkr, pres decreased f/ 930 psi to 877 psi, 53 psi / 15 min, 3.5 psi/min. POOH & LD packer. TIH w/ 12-1/4" bit & BHA. Tagged float collar. Built mud wt to 9.0 ppg w/ 30 vis. Closed pipe rams & pres up to 804 psi, pres decreased to 800 psi in 15 min, 0.3 psi/min. Drilled float collar, cement, 13-3/8" csg shoe & cement below shoe. Pres up to 320 psi, pres decreased to 200 psi in 5 min. Drill cement to 1950'.
MW 9.0, Vis 29
SEC Bit #2, 12.25", XS30S

06/12/2006 Current Depth: 2,776 Daily Cost: \$59,404 AFE Cost to Date: \$1,174,772
Current Status: DRILLING

Drill cement to 2646', some sections stringers, other sections hard cement.
Drill new hole to 2776' in Chinle.
MW 9.0, Vis 33
SEC Bit #2, 12.25", XS30S, in @ 1746', made 130' in 23 hrs., ROP 5.7

06/13/2006 Current Depth: 2,919 Daily Cost: \$37,126 AFE Cost to Date: \$1,211,898
Current Status: DRILLING

Drill f/ 2776' to 2880', 104' / 10.0 hrs, 10.4 fph.
Check #2 draw works motor, need to replace clutch.
Drill f/ 2880' to 2891', 11' / 1.5 hrs, 7.3 fph.
Mud motor quit, POOH.
PU new mud motor & test, TIH.
Drill f/ 2891' to 2919', 28' / 4.0 hrs, 7.0 fph in Chinle.
MW 9.0, Vis 31, WL 14.0
SEC Bit #2, 12.25", XS30S, in @ 1746', made 273' in 40.5 hrs., ROP 6.7

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
06/14/2006 Current Depth: 3,075 Daily Cost: \$38,684 AFE Cost to Date: \$1,250,582
Current Status: DRILLING

Drill from 2919' to 3030'.
Circulate , pump sweep & slug.
POOH & inspect bit.
Change out clutch on #2 draw works motor.
RIH with bit #3.
Drill f/3030' to 3075'.
MW 9.0, Vis 31, WL 14.0
SEC Bit #2, 12.25", XS30S, in @ 1746', out @ 3030', made 429' in 55.5 hrs., ROP 7.7.
SMITH Bit #3, 12.25", MM9026, in @ 3030', made 45' in 4 hrs, ROP 11.3.
Survey:
MD Angle
2920 1.00

06/15/2006 Current Depth: 3,417 Daily Cost: \$35,941 AFE Cost to Date: \$1,286,523
Current Status: DRILLING

Drill from 3075' to 3417'
MW 9.2, Vis 38, WL 15.0
SMITH Bit #3, 12.25", MM9026, in @ 3030', made 387' in 27 hrs, ROP 14.3.
Survey:
MD Angle
3380 1.00

06/16/2006 Current Depth: 4,061 Daily Cost: \$54,618 AFE Cost to Date: \$1,341,141
Current Status: DRILLING

Drill f/ 3417' to 3578', 161' / 9.5 hrs, 16.9 fph, pumping sweeps due to tight hole connections.
Drill f/ 3578' to 3641', 63' / 2.0 hrs, 31.5 fph. Strong water flow started @ 3615', initially 30-42 gpm. Attempt to control water flow w/ 10.1 ppg mud, flowed mud out of hole. Pumped 11.0 ppg mud, installed rotating head rubber & cut pump strokes back. Drill f/ 3641' to 4061', 420' / 7.0 hrs, 60.0 fph. Top of Cutler White Rim Sand @ 3633'. Flowed 11.0 ppg mud out of hole. Current water flow ~4 BPM. Will increase mud weight to 12.0 ppg to control water flow.

SMITH Bit #3, 12.25", MM9026, in @ 3030', made 1031' in 43.5 hrs, ROP 39.
Survey:
MD Angle
3380 1.00

06/17/2006 Current Depth: 4,058 Daily Cost: \$36,627 AFE Cost to Date: \$1,377,768
Current Status: KILL WATER FLOW

Build mud volume & condition mud to increase mud weight / 9 hrs. Wait on mud material / 4 hrs.
Build mud weight to 11.2 ppg w/ well shut in / 9 hrs. Annulus pressure dropped f/ 40 psi to 0 psi while mixing mud. Pump 11.2 ppg mud w/ 275 psi on annulus.
SMITH Bit #3, 12.25", MM9026, in @ 3030',

06/18/2006 Current Depth: 4,058 Daily Cost: \$82,331 AFE Cost to Date: \$1,460,099
Current Status: KILL WATER FLOW

Pump 11.2 ppg mud, annulus pressure 125 psi, lost circulation.
Wait on barite / 5 hrs.
Build mud weight to 11.2 ppg w/ 30% LCM.
Pump 11.2 ppg mud, annulus pressure 125 psi, lost 22 bbls / 10 min.
Build mud to 11.5 ppg w/ 40% LCM.
Pump 11.5 ppg mud w/ 40% LCM.
Checked flow on annulus, returned 40 bbls / 10 min. SI well, after 30 min had 480 psi on annulus.
SMITH Bit #3, 12.25", MM9026, in @ 3030',

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: Cabot Oil & Gas Corporation Artesia Number: 430037001

Project Type: 1-EXP DRILLING
07/13/2006 Current Depth: 7,670 Daily Cost: \$31,167 AFE Cost to Date: \$2,690,130
Current Status: DRILLING

Precautionary wash & ream f/ 7411' to 7471', no fill, no tight spots, no fluid losses.
Circ, clean off bottom of hole & break in new bit.
Drill 8-3/4" hole f/ 7471' to 7581', 110' / 10.5 hrs, 10.5 fph.
Drill 8-3/4" hole f/ 7581' to 7630', 49' / 6.0 hrs, 8.2 fph.
Drill 8-3/4" hole f/ 7630' to 7670', 40' / 6.0 hrs, 6.7 fph.
MW 10.9, Vis 40, WL 6.9
SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', made 199' in 22.5 hrs, ROP 8.8

07/14/2006 Current Depth: 7,855 Daily Cost: \$33,531 AFE Cost to Date: \$2,723,661
Current Status: DRILLING

Drill 8-3/4" hole f/ 7670' to 7735', 65' / 8.0 hrs, 8.1 fph.
Service Rig.
Drill 8-3/4" hole f/ 7735' to 7763', 28' / 3.5 hrs, 8.0 fph.
Drill 8-3/4" hole f/ 7763' to 7799', 36' / 4.5 hrs, 8.0 fph.
Work on #1 & #2 mud pumps.
Drill 8-3/4" hole f/ 7799' to 7810', 11' / 1 hr, 11.0 fph.
Drill 8-3/4" hole f/ 7810' to 7831', 21' / 3.0 hrs, 7.0 fph.
Directional survey @ 7831', 0.5 deg.
Drill 8-3/4" hole f/ 7831' to 7855', 24' / 2.5 hrs, 9.6 fph.

MW 10.9, Vis 45, WL 6.7 in @ 7471',
SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', made 384 in 45 hrs, ROP 8.5

MD 7831' ANGLE 0.50

07/15/2006 Current Depth: 7,905 Daily Cost: \$52,317 AFE Cost to Date: \$2,775,978
Current Status: DRILLING

Drill 8-3/4" hole f/ 7855' to 7866', 11' / 2.0 hrs, 5.5 fph. Bit quit drilling, pump pres & torque gauge spiked. Circ bottoms up, pump dry job slug & TOO. Break off bit #10. Make up bit #11 w/ boot basket & TIH to 7836'. Precautionary wash & ream f/ 7836' to 7866'. Circ 1' off bottom of hole, circ bottom of hole clean, no fill, no tight spots. Drill 8-3/4" hole f/ 7866' to 7885', 19' / 4.0 hrs, 4.8 fph. Drill 8-3/4" hole f/ 7885' to 7905', 20' / 6.0 hrs, 3.3 fph. Pump nut plug sweeps, used varied pump rates & RPM combinations. Checked w/ mud loggers on formation cuttings, unable to improve penetration rate, slow digging.
MW 10.9, Vis 46, WL 6.8
SECURITY Bit #10, 8 3/4", EBXS21S, in @ 7471', out @ 7866', made 395 in 47 hrs, ROP 8.4
REED Bit #11, M4234P, in @ 7866', made 39' in 10 hrs, ROP 3.9

07/16/2006 Current Depth: 8,094 Daily Cost: \$38,009 AFE Cost to Date: \$2,813,987
Current Status: DRILLING

Drill 8-3/4" hole f/ 7905' to 7960', 55' / 8.5 hrs, 6.5 fph.
Drill 8-3/4" hole f/ 7960' to 7980', 20' / 3.0 hrs, 6.7 fph.
Drill 8-3/4" hole f/ 7980' to 8040', 60' / 6.0 hrs, 10.0 fph.
Drill 8-3/4" hole f/ 8040' to 8094', 54' / 6.0 hrs, 9.0 fph.
MW 10.9, Vis 47, WL 6.8
REED Bit #11, M4234P, in @ 7866', made 228' in 33.5 hrs, ROP 6.8

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/17/2006 Current Depth: 8,242 Daily Cost: \$32,607 AFE Cost to Date: \$2,846,594
Current Status: DRILLING

Drill 8-3/4" hole f/ 8094' to 8148', 54' / 8.0 hrs, 6.8 fph.
Drill 8-3/4" hole f/ 8148' to 8172', 24' / 3.5 hrs, 6.9 fph.
Drill 8-3/4" hole f/ 8172' to 8210', 38' / 6.0 hrs, 6.3 fph.
Drill 8-3/4" hole f/ 8210' to 8242', 32' / 6.0 hrs, 5.3 fph.
MW 10.8, Vis 57, WL 6.7
REED Bit #11, M4234P, in @ 7866', made 376' in 57 hrs, ROP 6.6

07/18/2006 Current Depth: 8,259 Daily Cost: \$50,695 AFE Cost to Date: \$2,897,289
Current Status: KILL WATER FLOW

Drill to 8259', ROP decreased to 3 - 4 fph.
Circ & pump slug, POOH.
RU Schlumberger. Ran AIT-GR correlation log, loggers TD 8260'. Well started flowing 2 BPM & cut mud wt 10.9 to 9.8 ppg.
TIH w/ bit #12 w/ new motor & jars. TIH w/ BHA & 1-stand DP, well flowing 2 BPM, mud cut to 8.8 ppg.
Build mud wt to 11.6 ppg. Pump 110 bbls down DP w/ csg choked back, return 8.6 ppg water.
SI well, after 30 min had 280 psi on DP & 400 psi on csg.
REED Bit #11, M4234P, in @ 7866', out @ 8259', made 393' in 61 hrs, ROP 6.4
SEC Bit #12, XS30S, in @ 8259'

07/19/2006 Current Depth: 8,259 Daily Cost: \$86,455 AFE Cost to Date: \$2,983,744
Current Status: CONDITIONING MUD

Build 13 ppg mud in pits & wait on well control assistance.
Pump 22 bbls 13 ppg mud down DP w/ 9 bbl gain, SIDPP 250 psi, SICP 400 psi.
Build 15 ppg slug in pill tank.
Pump 22 bbls 15 ppg mud down DP, SIDPP 0 psi, SICP 400 psi.
PU dart valve & kelly.
Pump 20 bbls 12.8 ppg mud to clear DP.
Strip DP in hole to 9-5/8" csg shoe @ 4246', bleeding off csg pressure every 3 jts while monitoring pres.
Cut back mud wt in pits to 11.8 ppg.
SEC Bit #12, XS30S, in @ 8259'

07/20/2006 Current Depth: 8,259 Daily Cost: \$45,865 AFE Cost to Date: \$3,029,609
Current Status: CIRC HOLE CLEAN

Condition mud, cut mud weight back to 11.8 ppg.
Pumped 399 bbls 11.8 ppg mud down DP & through choke. Measured mud volume pumped in & out, adjusted choke to keep mud volume pumped in equal to mud volume pumped out. Returned 11.7 ppg mud to surface.
Initial SICP 100 psi, after 30 min SICP 150 psi. Initial SIDPP 0 psi, after 30 min SIDPP 100 psi.
Circ, strip in hole to 6605'.
Circ & build mud volume, mud wt 11.9 ppg, vis 54. Checked well pressure, well dead on both sides.
Circ hole, water flow controlled.
TIH to 8252'. Circ hole to clean up, well dead.
MW 12.1, Vis 54, WL 8.8
SEC Bit #12, XS30S, in @ 8259'

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/21/2006 Current Depth: 8,280 Daily Cost: \$35,274 AFE Cost to Date: \$3,064,883
Current Status: **TIH W/ CORE TOOLS**

Circ to clean hole, 2-full circulations.
Drill f/ 8259' to 8280', 21' / 3.5 hrs, 6.0 fph.
Circ bottoms up,
POOH (slm, no correction),
LD BHA.
PU core bit & barrel,
TIH.
MW 11.7, Vis 47, WL 10.0
SEC Bit #12, 8.75", S30S, in @ 8259', out @ 8280', made 21' in 3.5 hrs, ROP 6.0
Survey:
MD Angle
8280 6.50

07/22/2006 Current Depth: 8,340 Daily Cost: \$34,866 AFE Cost to Date: \$3,099,749
Current Status: **POOH W/ CORE #1**

TIH w/ 8-3/4" coring assembly.
Cut core from 8240' to 8308', 68' / 6.5 hrs, 10.5 fph.
Cut core from 8308' to 8340', 32' / 5.0 hrs, 6.4 fph in Honaker Trail 2.
Gas show in Honaker Trail 2: 8297'-8310': 186 units.
Circ bottoms up & check for water flow, no flow.
TOOH w/ core #1.
MW 11.6, Vis 53, WL 8.8
SEC Bit #12, 8.75", S30S, in @ 8259', out @ 8280'

07/23/2006 Current Depth: 8,369 Daily Cost: \$27,771 AFE Cost to Date: \$3,127,520
Current Status: **DRILLING**

TOOH, recovered 59' of core.
PU bit #12RR & BHA,
TIH to 8266',
wash & ream to 8304'.
Circulate & dump heavy slug of mud to reserve pit.
Wash to bottom @ 8340'.
Drill from 8340' to 8389', checking different drilling parameters.
MW 11.4, Vis 53, WL 7.8
SEC Bit #12rr, 8.75", S30S, in @ 8340', made 49' in 11 hrs, ROP 4.5

07/24/2006 Current Depth: 8,525 Daily Cost: \$49,762 AFE Cost to Date: \$3,177,282
Current Status: **WORKING TIGHT PIPE**

Drill f/ 8389' to 8399', 10' / 2.5 hrs, 4.0 fph.
Drill f/ 8399' to 8449', 50' / 9.0 hrs, 5.6 fph.
Drill f/ 8449' to 8525', 76' / 11.0 hrs, 6.9 fph.
Work tight hole while making connection to get back to bottom.

Gas shows in Honaker Trail 1:
8455' - 8485': 170 units
8505' - 8517': 203 units
MW 11.4, Vis 55, WL 8.5
SEC Bit #12rr, 8.75", S30S, in @ 8340', made 185' in 34 hrs, ROP 5.4
Survey:
MD Angle
8428 6.50
8525 4.00

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 1-EXP DRILLING
07/25/2006 Current Depth: 8,595 Daily Cost: \$36,968 AFE Cost to Date: \$3,214,250
Current Status: RUN CORRELATION LOG

Drill f/ 8525' to 8556', 31' / 5.0 hrs, 6.2 fph.
Drill f/ 8556' to 8595', 39' / 5.5 hrs, 7.1 fph.
Circ & pump slug, POOH, LD BHA.
Run gamma ray correlation log.
MW 11.3, Vis 51, WL 8.4
SEC Bit #12rr, 8.75", S30S, in @ 8340', out @ 8595', made 255' in 44.5 hrs, ROP 5.7
Survey:
MD Angle
8543 6.00

07/26/2006 Current Depth: 8,650 Daily Cost: \$67,771 AFE Cost to Date: \$3,282,021
Current Status: CIRC & CONDITION HOLE @ CORE POINT #2

Finished running gamma ray correlation log (loggersTD 8597').
TIH to 9-5/8" csg shoe.
Circ & condition mud.
TIH to bottom, drill f/ 8595' to 8650', 55' / 9.5 hrs, 5.8 fph.
Circulate @ core point #2.
MW 11.4, Vis 52, WL 7.9
SEC Bit #12rr, 8.75", S30S, in @ 8595', out @ 8650'

07/27/2006 Current Depth: 8,650 Daily Cost: \$35,364 AFE Cost to Date: \$3,317,385
Current Status: PRES TEST BOPE

Circ & condition hole. RU Safety Alliance H2S equipment. Safety Alliance personnel trained everyone on location on H2S safety. POOH & LD BHA. No tight spots, no losses, no gain on trip.
Pres test BOPE. Accumulator would not pressure up over 2000 psi, repaired. Blind rams would not pres test, repaired.
MW 11.4, VIS 52

07/28/2006 Current Depth: 8,699 Daily Cost: \$44,949 AFE Cost to Date: \$3,362,334
Current Status: CORING HONAKER TRAIL 1

Finished BOP test. Pres test BOP to 5000 psi high & 250 psi low. Pres test annular to 2500 psi.
TIH to 9-5/8" csg shoe w/ core barrel & bit, circ hole. TIH to bottom, circulate & drop ball.
Cut core from 8650' to 8699', 49' / 13.0 hrs, 3.8 fph in Honaker Trail 1.

MW 11.4, VIS 53, API WL 8.0

07/29/2006 Current Depth: 8,738 Daily Cost: \$45,717 AFE Cost to Date: \$3,408,051
Current Status: DRILLING

Cut core f/ 8699' to 8710', 11' / 2.0 hrs, 5.5 fph in Honaker Trail 1.
Note: Core #2 cut total of 60' of core in Honaker Trail 1 f/ 8650' to 8710'.
Gas show: 8679' - 8702': 98 units.
Circ & pump slug, POOH.
Performed BOP drill & had safety meeting on H2S.
Make up & stand back core barrel.
PU BHA & bit #13RR.
TIH to 8680', wash to bottom.
Drill f/ 8710' to 8738', 28' / 4.5 hrs, 6.2 fph.
MW 11.4, VIS 54, WL 6.0
SEC Bit #13RR, s30s, in @ 8710', made 94' in 14 hrs, ROP 6.7

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: Cabot Oil & Gas Corporation Artesia Number: 430037001

Project Type: 1-EXP DRILLING
08/04/2006 Current Depth: 9,035 Daily Cost: \$69,711 AFE Cost to Date: \$3,713,761
Current Status: DRILLING

Core f/ 9017' to 9035', 18' / 9.5 hrs, 1.9 fph, unable to core further. Note: Core #4 cut total of 56' of core in Gothic f/ 8979' to 9035'.

Circ & POOH.
LD core barrel & tools.
Tih w/ BHA to 8950', wash to bottom @ 9035'.
MW 11.5, VIS 60, WL 7.6
SEC Bit #14, 8.75", S25S, in @ 8879', out @ 8979.

08/05/2006 Current Depth: 9,124 Daily Cost: \$57,659 AFE Cost to Date: \$3,771,420
Current Status: LOGGING

Drill into salt @ 9074'. Drill to 9124'.
POOH above salt & circ. Dumped 100 bbls mud.
Circ pits to build volume.
Circ @ 9065' to condition mud.
POOH, SLM, no corrections, no hole problems.
LD motor, teledrift & bit.
RU Schlumberger wireline. Run open hole logs.
MW 11.7, VIS 58, WL 7.6
SEC Bit #14, 8.75", S25S, in @ 8879', out @ 8979.
SEC Bit #15, 8.75", S30S, in @ 9035, out @ 9124, made 89' in 6 hrs, ROP 14.8.

08/06/2006 Current Depth: 9,124 Daily Cost: \$59,259 AFE Cost to Date: \$3,830,679
Current Status: POOH, LD DP

Ran Platform Express AIT & FDC-CNL open hole logs. POOH. Ran FMI log w/ Sonic Scanner. POOH.
RD Schlumberger. PU bit & BHA.
TIH to 9124'.
Pull up to 9065' & circ bottoms up, mud in good conditon.
RU lay down machine.
POOH, LD DP.
MW 11.0, VIS 47, WO 8.0

08/07/2006 Current Depth: 9,124 Daily Cost: \$300,613 AFE Cost to Date: \$4,131,292
Current Status: CEMENTING 7" PRODUCTION CSG

Finished POOH, LD DP.
RU rig up csg tools & safety meeting.
Ran 196 jts 7", 26#, HCP-110, LT&C casing. Landed 7" casing w/ float shoe @ 9124', float collar @ 9077' & marker jt @ 8166'.
Circ w/ rig pump. RU BJ Services. Pumping 11.6 ppg mud in, had 8.8 ppg gas cut mud out.
Pumping cement & displacing @ report time.

08/08/2006 Current Depth: 9,124 Daily Cost: \$88,348 AFE Cost to Date: \$4,219,640
Current Status: RD UNIT RIG #134

Cement 7" production csg w/ 871 sx Premium Lite High Strength w/ 0.5% R-3, 3% KCL, 0.4% FL-52, 0.05% Static Free, 2 lb/sx KolSeal, 0.002 gal/sx FP-6L, 0.2% BA-59 & 1/4 lb/sx celloflakes.
Displaced w/ 349 bbls Claytreat water. Bumped plug w/ 500 psi over, circ 20 bbls cement to surface. RD BJ Services. ND BOPS, set casing slips & cut casing. Cleaned mud pits & released rig @ 6:00 PM, 8/7/06.

08/09/2006 Current Depth: 9,124 Daily Cost: \$14,300 AFE Cost to Date: \$4,233,940
Current Status: RD UNIT RIG #134

RD.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: 73271 Type: AA
Operator: **Cabot Oil & Gas Corporation** Artesia Number: 430037001

Project Type: 3-COMPLETION

09/13/2006 Current Depth: 9,124 Daily Cost: \$237,435 AFE Cost to Date: \$4,741,614

Current Status: FLOW TESTING AFTER FRAC

SITP & SICP 0 psi. RU BJ Services frac equipment. Pres tested lines to 8000 psi. Filled hole & established circulation w/ 85 bbls Claytreat water. Performed diagnostic test w/ 73 bbls Claytreat water, pumped 10 BPM down csg, monitoring w/ 2-3/8" dead string. Formation broke @ 3308 psi. Increased rate to 30 BPM, trtg pres increased to 3995 psi. Shut down, ISIP 3173 psi. Monitored pressure falloff for 2 hrs, pressure decreased to 440 psi. Frac Gothic interval 8925'-9051' down 7"x23/8" annulus w/ 1764 bbls Lightning-22 crosslink gelled water & 132,307 lbs 30-50 mesh Econoprop. Pumped 454 bbls Lightning-22 x-link gel pad w/ 7800 lbs 100-mesh sand followed by 1310 bbls Lightning-22 x-link gel w/ 30-50 mesh Econoprop ramped from 1-4 ppg, monitoring w/ dead string. Flushed to perms w/ 291 bbls slick water. Avg trtg pres 4696 psi @ 36 BPM, max pres 5319 psi, ISIP 4514 psi. Total load to recover 2732 BLW. RD Stinger wellhead isolation tool & BJ frac line. Hooked up flowback iron to tree. Opened well to pit on 14/64" choke w/ SITP 3500 psi & flow tested as follows:

Time choke FCP(psi) BLW/hr

9-12-06

3:00 p	14/64	2800	106
4:00	14/64	2200	100
5:00	22/64	1100	69
6:00	28/64	130	60
7:00	32/64	15	35
8:00	32/64	10	30
9:00	32/64	10	20
10:00	32/64	5	13
11:00	32/64	5	8
12:00 a	32/64	5	6
1:00	32/64	5	4
2:00	32/64	5	3
3:00	32/64	5	3
4:00	32/64	5	1
5:00	32/64	5	2

Recovered 460 BLW/15 hrs, 2272 BLW left to recover.

09/14/2006 Current Depth: 9,124 Daily Cost: \$9,240 AFE Cost to Date: \$4,750,854

Current Status: PREP TO UNLOAD WELL W/ NITROGEN

Well loaded up. RU to swab Gothic interval 8925'-9051'. RIH w/ swab, initial fluid level @ surface. Made 20 swab runs & recovered 276 BLW / 10 hrs. Final fluid level @ 2500'. No show of gas or oil. Total fluid recovered after frac 736 BLW, 1996 BLW left to recover. SDFN.

09/15/2006 Current Depth: 9,124 Daily Cost: \$11,000 AFE Cost to Date: \$4,761,854

Current Status: SWAB TESTING GOTHIC INTERVAL 8925-9051'

SITP & SICP 0 psi. RU Maverick nitrogen pump. Pumped N2 down tbg @ 750 SCFM to unload fluid up 2-3/8"x7" annulus. Recovered 244 BLW/ 2hrs. Decreased N2 rate to 500 SCFM, tubing pressure stabilized @ 1100 psi w/ FCP 80 psi (N2) on 1" choke. Pumped N2 for 3 hrs & recovered 166 BLW. Tubing pressure decreased to 900 psi & N2 rate increased to 750 SCFM. Decreased N2 rate to 550 SCFM, tubing pressure decreased & stabilized @ 830 psi, FCP decreased to 100 psi (N2). Fluid recovery in tank decreased to mist. SD N2 pump. Hooked up N2 to casing & flowline to tubing. Pumped N2 down casing @ 700 psi, tbg stayed dead. RD Maverick. RU to swab w/ SICP 580 psi (N2). RIH w/ swab, IFL @ 5100'. Made 7 swab runs & recovered 52 BLW, no show of oil or gas. Final fluid level @ 5300'. RD swab equipment. Bled nitrogen pressure off casing. Total fluid recovered today 462 BLW. Total fluid recovered after frac 1198 BLW, 1534 BLW left to recover. SI well, SDFN.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 3-COMPLETION
09/23/2006 Current Depth: 9,124 Daily Cost: \$7,535 AFE Cost to Date: \$4,850,344
Current Status: WELL SI

700 psi SICP. 50 psi SITP. Blew tbg down. RU to swab. IFL = 5200'. Made 19 swab runs. Recovered 135 bbls. Gas cut last 14 runs. CP decreased to 660 psi and stabilized last 10 runs. Pulled from SN last 5 runs. Last FL @ 6200'. Total load recovered = 2291 bbls. Load remaining to recover = 443 bbls. SWI. SD for night.

09/24/2006 Current Depth: 9,124 Daily Cost: \$8,635 AFE Cost to Date: \$4,858,979
Current Status: WELL SI

760 psi SICP. 20 psi SITP. Blew tbg down. RU to swab. IFL = 5600'. Made 20 swab runs. Recovered 129 bbls. Fluid gas cut last 17 runs. Casing pressure stabilized @ 730 psi after first 6 runs. FL stabilized @ 6200' after 11 runs. Last FL @ 6200'. Got kink in swab line @ 3400' on run # 21. Ran in to fluid coming up the hole. Spooled swab line up. RD swab equipment. SWI for 10 min. Checked tbg pressure. 25 psi. Csg pressure 710 psi. Opened to pit on 18/64 choke. Flowed @ 20 psi for 20 min and decreased over the next 40 min. Opened wide open to pit. Tbg had steady blow for 20 min and decreased to surges. Left open for 45 min. Would not unload any fluid. Casing pressure increased to 740 psi. Tbg loading back up. Will splice sand line and resume swabbing in AM. SWI. SD for night. Total load recovered = 2420 bbls. Load remaining = 314 bbls.

09/25/2006 Current Depth: 9,124 Daily Cost: \$0 AFE Cost to Date: \$4,858,979
Current Status: WELL SI

Spliced sand line. SICP = 830 psi. SITP = 45 psi. Blew tbg down. RU to swab. IFL = 5600'. Made 12 swab runs. Recovered 73 bbls. FL @ 6200' last 2 runs. Casing pressure dropped to 780 psi and stabilized last 6 runs. All runs gas cut. Pulled from SN last 2 runs. SWI. SD for night. Total load recovered = 2493 bbls. Load remaining to recover = 241 bbls.

09/26/2006 Current Depth: 9,124 Daily Cost: \$8,855 AFE Cost to Date: \$4,867,834
Current Status: SWAB TESTING GOTHIC INTERVAL 8925'-9051'.

SITP 40 psi & SICP 850 psi. Bled off tbg pres. RU to swab. RIH w/ swab, IFL @ 5700'. Made 15 swab runs & recovered 127 BLW. Last 5 swab runs, tubing blew gas for 5-10 min after each run, fluid level ranging from 1000'-4600', SICP decreased to 710 psi. Well would not continue to flow. SI well & SDFN. Total fluid recovered after frac 2620 BLW, 114 BLW left to recover.

09/27/2006 Current Depth: 9,124 Daily Cost: \$7,700 AFE Cost to Date: \$4,875,534
Current Status: PREP TO TOOH W/ TBG

SITP 160 psi & SICP 800 psi. Caught gas samples & sent to Gas Analysis Services lab for analysis. Opened tbg to pit & flared gas for 5 min, bled off tbg pres. RU to swab. RIH w/ swab & tagged fluid @ 5600'. Made 13 swab runs & recovered 92 BLW. Tbg blew for 30 min after swab run #10 & for 15 min after swab run # 11. No blow after last 2 runs. Final fluid level @ 6100', SICP 710 psi. SI well & SDFN. Total load recovered after frac 2712 BLW, 22 BLW left to recover.

09/28/2006 Current Depth: 9,124 Daily Cost: \$12,100 AFE Cost to Date: \$4,887,634
Current Status: PREP TO RUN GAMMA RAY LOG

SITP 420 psi & SICP 780 psi. Caught gas sample. Blew down tbg pres. RU swab equipment. RIH w/ swab & tagged fluid @ 5700'. POOH. Blew down casing pres to tank. RIH w/ swab & tagged fluid @ 7000', steady blow on casing. ND wellhead & NU BOP. RU to pull tbg. LD blast joint & hanger. Blast joint was severely eroded. PU tbg, TIH & tagged frac sand fill @ 9047'. Gothic perfs @ 8925'-9051'. POOH w/ tbg. Secured well & SDFN.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 3-COMPLETION

10/13/2006 Current Depth: 9,124 Daily Cost: \$6,600 AFE Cost to Date: \$5,006,929

Current Status: PREP TO SPOT CMT ON TOP OF CIBP @ 8915'

SITP 165 psi. Caught 2 gas samples. Bled off tbg pres. RU to swab. Made 1 swab run, tagged fluid @ 4200'. Caught 2 water samples. RD swab equipment. Released packer @ 8804' & POOH w/ tbg & pkr. SDFN.

10/14/2006 Current Depth: 9,124 Daily Cost: \$7,480 AFE Cost to Date: \$5,014,409

Current Status: PREP TO SWAB TEST ISMAY

Well on slight vacuum. RU Schlumberger wireline. Made 2 dump bailer runs to spot 20' of cement on top of CIBP @ 8915'. RIH w/ CIBP & set CIBP @ 8840'. RIH w/ 3-3/8" casing gun loaded w/ Powerjet charges & found FL @ 3200'. Perforated Ismay interval 8812'-8822', 3 JSPF, 120 deg phasing. POOH & RD Schlumberger. Made up Baker Retrievmatic packer, TIH & set packer @ 8747'. SI well & SDFN.

10/15/2006 Current Depth: 9,124 Daily Cost: \$6,545 AFE Cost to Date: \$5,020,954

Current Status: SWAB TESTING ISMAY INTERVAL 8812'-8822'

SITP & SICP 0 psi (pkr). RU to swab. RIH w/ swab & tagged fluid @ 3400'. Made 18 swab runs & recovered 90 BW, 66 BW over load. Final fluid level @ 4900'. No show of oil or gas, no swab runs were gas cut. Caught 2 water samples & sent to lab for analysis. SI well & SDFN.

10/16/2006 Current Depth: 9,124 Daily Cost: \$8,800 AFE Cost to Date: \$5,029,754

Current Status: WELL SI

SITP 38 psi & SICP 0 psi (pkr). Bled off pres to pit/ 1 min. RU to swab test Ismay interval 8812'-8822'. RIH w/ swab & tagged fluid @ 3900'. Made 8 swab runs & recovered 49 BW, 115 BW over load. Final fluid level @ 4900'. Last 4 swab runs were slightly gas cut. Caught water samples on 1st & last swab run. RD swab equipment. Released packer & POOH w/ tbg & pkr. SI well & SDFN.

10/17/2006 Current Depth: 9,124 Daily Cost: \$29,590 AFE Cost to Date: \$5,059,344

Current Status: PREP TO PERFORM PUMP IN TEST ON HONAKER TRAIL INTERVAL 8650'-8685'

SICP 0 psi. RU Schlumberger wireline. RIH w/ dump bailer & found fluid level @ 3500'. Dumped 10' cement on CIBP @ 8840'. POOH w/ bailer. RIH w/ CIBP & set CIBP @ 8770'. POOH. RIH w/ dump bailer & dumped 20' cement on CIBP @ 8770' in 2 runs. POOH & LD bailer. RIH w/ 3-3/8" casing guns & perforated Honaker Trail 1 interval 8650'-8685', 2 JSPF, 120 deg phasing, 2 runs. POOH. No change in pressure, fluid level remained @ 3500'. RD Schlumberger. TIH w/ Baker Retrievmatic packer & 278 jts 2-3/8" tubing to 8623'. SI well & SDFN.

10/18/2006 Current Depth: 9,124 Daily Cost: \$16,255 AFE Cost to Date: \$5,075,599

Current Status: PREP TO SWAB TEST HONAKER TRAIL INTERVAL 8650'-8685'

Set Baker Retrievmatic packer @ 8623'. RU BJ Services pump truck. Pres tested lines to 7500 psi. Opened packer bypass & spotted 38 bbls filtered 2% KCL water to packer. Closed pkr bypass & performed pump in test into Honaker Trail I interval 8650'-8685'. Pumped into formation @ 2 BPM, saw break @ 5180 psi. Increased rate to 3.7 BPM & blew seal on pump, unable to increase rate further. Pumped total of 48 bbls 2% KCL water into Honaker Trail I perms. Trtg pres increased to 6300 psi & then leveled out @ 5950 psi. Shut down, ISIP 3500 psi, 5 min 3315 psi, 10 min 3176 psi, 15 min 3071 psi. Left surface gauges on well to monitor pressure falloff. Left BJ Services pump truck rigged up & isolated to insure good pressure information. SDFN. SICP 600 psi/22 hrs.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
 Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 3-COMPLETION
10/19/2006 Current Depth: 9,124 Daily Cost: \$6,820 AFE Cost to Date: \$5,082,419
 Current Status: WELL SI

SITP 600 psi/ 22 hrs. Bled off tbg pres & removed surface gauges. RD BJ Services. RU to swab. Made 6 swab runs & recovered 34 BLW. Pulled swab from SN @ 8622'. Made 3 hourly runs from SN w/ no fluid recovery, no show of gas from Honaker Trail I interval 8650'-8685'. SI well & SDFN. Plan to release packer, swab well down & isolate Honaker Trail I below CIBP. Plan to perforate Honaker Trail 2 on Saturday, 10/21/06 & frac on Sunday, 10/22/06.

10/20/2006 Current Depth: 9,124 Daily Cost: \$9,515 AFE Cost to Date: \$5,091,934
 Current Status: SWAB WELL DOWN

SITP 0 psi. Opened tbg to pit, no gas gas blow. RU to swab. RIH w/swab & tagged fluid @ 6400'. Pulled 1 swab run & caught water sample. Released packer @ 8623' & RU to swab well down. RIH w/ swab & tagged fluid @ 2300'. Made 22 swab runs & recovered 113 BLW. Final FL @ 5400'. SI well & SDFN. Plan to isolate Honaker Trail I below CIBP & perforate Honaker Trail 2 on Saturday, 10/21/06. Plan to frac Honaker Trail 2 on Sunday, 10/22/06.

10/21/2006 Current Depth: 9,124 Daily Cost: \$10,120 AFE Cost to Date: \$5,102,054
 Current Status: TOOH W/ TBG & PKR

SITP & SICP 0 psi. RU to swab. RIH w/ swab & tagged fluid @ 5300'. Made 11 swab runs & starter on rig quit. Changed out starter. Made 4 more swab runs. Recovered 81 BLW, final FL @ 7400'. RD swab equipment. RU to pull tbg. POOH w/ 50 stands tbg. SDFN.

10/22/2006 Current Depth: 9,124 Daily Cost: \$50,160 AFE Cost to Date: \$5,152,214
 Current Status: PREP TO FRAC HONAKER TRAIL 2 INTERVAL 8292'-8321'

SIP 0 psi, well dead. POOH w/ remaining tbg & pkr. RU Schlumberger wireline. RIH w/ CIBP & found FL @ 7000'. Set CIBP @ 8620'. POOH w/ setting tool. RIH w/dump bailer & spotted 20' cement on CIBP @ 8620' in 2 runs. RIH w/3-3/8" casing gun loaded w/ Powerjet charges, 4 JSPF, 120 deg phasing. Perforated Honaker Trail 2 intervals 8313'-8321' & 8292'-8298', 4 JSPF. POOH, no pressure change. RD Schlumberger. SDFN.

10/23/2006 Current Depth: 9,124 Daily Cost: \$4,510 AFE Cost to Date: \$5,156,724
 Current Status: PREP TO FRAC HONAKER TRAIL 2 INTERVAL 8292'-8321'

SIP 0 psi. Waited on BJ N2 trucks/ 6 hrs. RU BJ frac equipment. Attempted to pressure test multiple times, unsuccessful. Frac stack & lines were leaking, shut down for darkness.

Well History

20-Nov-06

Region Name: **Rocky Mountain**

Well Name: **MCKENNA #14-14**

AFE Number: **73271**

Type: **AA**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430037001**

Project Type: **3-COMPLETION**

10/24/2006 Current Depth: 9,124 Daily Cost: \$139,645 AFE Cost to Date: \$5,296,369

Current Status: **FLOW TESTING AFTER FRAC**

SICP 0 psi. RU BJ Services frac equipment. Held safety meeting. Frac Honaker 2 interval 8292'-8321' down 7" casing w/ 833 bbls 70% quality nitrogen foam & 70,000 lbs 20-40 mesh Santrol Tempered LC. Pumped 286 bbls 70% quality N2 foam pad followed by 547 bbls 70% quality N2 foam w/ 20-40 mesh Santrol Tempered LC ramped from 1-5 ppg. Saw formation break @ 4930 psi. Flushed to perms w/ 315 bbls slick water. Avg trtg pres 4600 psi @ 25 BPM, max pres 5500 psi on flush. ISIP 4881 psi, 5 min 4421 psi, 10 min 4316 psi, 15 min 4212 psi. RD BJ Services. Total load to recover 520 BLW. Opened well to pit on 24/64" choke @ 10:00 AM, 10/23/06 w/ SICP 4200 psi & flow tested as follows:

Time	FCP(psi)	Choke	BLW/hr
10-23-06			
11:00 a	1550	24/64	176
12:00 p	1600	24/64	100
1:00	1200	24/64	45
2:00	1025	24/64	47
3:00	1025	24/64	22
4:00	550	24/64	21
5:00	400	32/64	4
6:00	170	32/64	9
7:00	140	32/64	10
8:00	90	32/64	5
9:00	70	32/64	2
10:00	50	32/64	1
11:00	50	32/64	0
10-24-06			
12:00 a	40	32/64	0
1:00	40	32/64	0
2:00	40	32/64	1
3:00	40	32/64	0
4:00	30	32/64	0
5:00	30	32/64	1

Increased choke to 40/64", FCP 5 psi, est gas rate 50 MCFD, Burnable gas. Recovered 444 BLW/19 hrs, 76 BLW left to recover.

Well History

20-Nov-06

Region Name: Rocky Mountain

Well Name: **MCKENNA #14-14** AFE Number: **73271** Type: **AA**
Operator: **Cabot Oil & Gas Corporation** Artesia Number: **430037001**

Project Type: 3-COMPLETION

10/25/2006 Current Depth: 9,124 Daily Cost: \$9,295 AFE Cost to Date: \$5,305,664

Current Status: FLOW TESTING HONAKER TRAIL 2 INTERVAL 8292'-8321'

ND frac valve & NU BOP. Respot racks & catwalk. TIH w/ 269 jts, 2-3/8" tubing w/ 1.81" F nipple 1-jt up to 8341' (20' below bottom perf), did not tag sand fill. LD 3-jts tbg & landed 2-3/8" tbg @ 8248'. SI casing & RU to swab, SICP 100 psi. RIH w/ swab, unable to find fluid on 1st swab run. Pulled swab from F nipple & recovered 2.5 BLW. Made 5 more swab runs, tbg blew after each swab run, fluid scattered in tbg. Fluid level appeared to be between 7300'-7500' & @ 6900' on last swab run. Recovered total of 18 BLW, total load recovered since frac 462 bbls, 58 BLW left to recover. Opened well to pit on 10/64" choke & flow tested up 7"x2-3/8" annulus as follows:

Time	FCP(psi)	MCFD	Choke	BLW/hr
10-24-06				
6:00	230	127	10/64	0
7:00	220	122	10/64	0
8:00	215	119	10/64	0
9:00	210	116	10/64	0
10:00	210	116	10/64	0
11:00	205	113	10/64	0
10-25-06				
12:00 a	200	111	10/64	0
1:00	200	111	10/64	0
2:00	195	108	10/64	0
3:00	195	108	10/64	0
4:00	190	105	10/64	0
5:00	190	105	10/64	0

10/26/2006 Current Depth: 9,124 Daily Cost: \$8,360 AFE Cost to Date: \$5,314,024

Current Status: FLOW TESTING HONAKER TRAIL 2 INTERVAL 8292'-8321'

Well on test for 15 hrs, gas rate 94 MCFD, FCP 170 psi, 10/64" choke. FCP decreasing slowly, SITP 380 psi. Blew down tbg, left well flowing up 7"x2-3/8" annulus on 10/64" choke, FCP decreased to 165 psi. RU to swab. RIH w/ swab & tagged fluid @ 7100'. Fluid was scattered & gas cut. Made 4 swab runs in 4 hrs. All runs were severely gas cut w/ fluid scattered up tbg. Recovered 11 BLW, 47 BLW left to recover. Caught water sample on last swab run. Flow tested well up annulus while swabbing, gas rate 91 MCFD, FCP 165 psi. Flow tested well to pit overnight. Gas rate this AM, 10/26/06: 83 MCFD, FCP 150 psi, 10/64" choke.

10/27/2006 Current Depth: 9,124 Daily Cost: \$6,710 AFE Cost to Date: \$5,320,734

Current Status: WELL SI, EVALUATING CORE DATA - FINAL REPORT

Gas rate 83 MCFD, FCP 150 psi, 10/64" choke, SITP 340 psi. Blew down tbg pres. RU to swab. RIH w/ swab, no fluid level detected. Made 2 swab runs, fluid scattered. Recovered 5 BLW. Found sand on swab cups & mandrel after 2nd swab run. Caught water sample. RD swab equipment. Blew down casing pres. LD 14 jts tbg out of derrick plus 2. Landed 2-3/8" tbg @ 8184'. Total of 264 jts 2-3/8" tbg in hole. Left 35 jts good 2-3/8" tbg & 1-jt junk tbg on location. ND BOP & NU FMC tree. Too windy to rig down. Total fluid recovered since frac 478 bbls, 42 BLW left to recover. Released all rental equipment. RD flowback equipment. Will RD on work on rig today, 10/27/06. Well suspended until further evaluation of core data. FINAL REPORT.

Project Type: 8-DROPPED

10/28/2006 Current Depth: 9,124 Daily Cost: \$0 AFE Cost to Date: \$5,320,734

Current Status: WELL SI, EVALUATING CORE DATA - FINAL REPORT

FINAL REPORT.

CEMENT JOB REPORT



CUSTOMER Cabot Oil & Gas Corporation		DATE 06-JUN-06	F.R. # 216437838	SERV. SUPV. LOUIS W SHELBY								
LEASE & WELL NAME MCKENNA 14-14 - API 43037318410000		LOCATION 14-29S-24E		COUNTY-PARISH-BLOCK San Juan Utah								
DISTRICT Farmington		DRILLING CONTRACTOR RIG # Unit 134		TYPE OF JOB Conductor								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
Cement Plug, Wooden, Top 13-3/8 i		Guide Shoe, Texas-Notched 13-3/8 i		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
MATERIALS FURNISHED BY BJ												
Gelled Spacer					8.34				30			
Fresh Water					8.34				396.50			
Fresh Water					8.34				10			
Cement					919	12	2.22	12.11	363.69	264.93		
Type III + .25 Cello Flake					883	14.5	1.39	6.80	218.89	142.99		
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL				1019.08	407.92			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
17	100	2646	13.375	61	CSG	2646		2646	2606			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
									13.375	BUT	WATER BASED MU	9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
396	BBLs	Fresh Water	8.34	0	0	0	0	0	3090	2472	Rig tank , Production tank	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:												
PRESSURE/RATE DETAIL						EXPLANATION						
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>						
	PIPE	ANNULUS				TEST LINES 3000 PSI						
01:30						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>						
15:00						On location @ 01:30 am						
15:31						Safety meeting						
15:35	0	0	3	0	GEL	Pressure test lines to 3000 psi						
15:41	0	0	5	30	GEL	Start 30 bbls gel						
15:43	180	0	5	10	H2O	Start 10 bbls H2O						
16:47	213	0	6	364	CMT	Start 364 bbls lead cmt @ 12.0 ppg						
17:19	175	0	6	175	CMT	Start 219 bbls tail cmt @ 14.5 ppg						
17:39	0	0	0	219	CMT	Lost cir. 175 bbls tail cmt gone						
17:40	0	0	6	0	H2O	Shut down , Drop plug						
17:52	160	0	6	95	H2O	Start 260 bbls H2O displacement , No cir.						
18:25	980	0	0	260.5	H2O	Cir. back 95 bbls displacement gone						
18:26						Bump plug , Check float 1 bbls H2O back , Float Held						
						pump 1 bbl H2O back in casing & shut in with 380 psi						
						80 bbls cmt back						
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:					
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	980	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	80	883	380	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N						

CEMENT JOB REPORT



CUSTOMER Cabot Oil & Gas Corporation		DATE 24-JUN-06	F.R. # 216438034		SERV. SUPV. LOUIS W SHELBY						
LEASE & WELL NAME MCKENNA 14-14 - API 43037318410000			LOCATION 14-29S-24E		COUNTY-PARISH-BLOCK San Juan Utah						
DISTRICT Farmington		DRILLING CONTRACTOR RIG # Unit 134			TYPE OF JOB Surface						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
Cement Plug, Rubber, Top 9-5/8 in		Guide Shoe, Texas-Notched 9-5/8 i		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ											
Gelled Spacer						8.34				30	
Premium Lite Cement					630	13	1.69	8.32		189.81	124.78
Type III Cement					539	14.5	1.39	6.78		133.4	86.76
Fresh Water						8.34				319.44	
Fresh Water						8.34				10	
Available Mix Water <u>800</u> Bbl.		Available Displ. Fluid <u>800</u> Bbl.		TOTAL					682.66	211.55	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	30	4250	9.625	36	CSG	2700		4247	4201	
			9.625	40	CSG	4200				

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	TYPE	WGT.
13.38	61		1748					9.625	8RND	WATER BASED MU	12.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
319.4	BBLs	Fresh Water	8.34	1204	0	0	0	0	3520	2816	Rig tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>	
23:00						On location @11:00 pm	
08:10						Safety meeting	
08:44						Pressure test lines to 3000 psi	
08:46	200	0	5.5	1	GEL	Start 20 bbls gel	
08:50	200	0	5.5	20	GEL	start10 bbls H2O	
08:53	400	0	6.2	10	H2O	Start 190 bbls lead cmt @ 13.0 ppg	
09:30	406	0	5.5	190	CMT	Start 134 bbls tail cmt @ 14.5 ppg	
09:58	0	0	0	134	CMT	Shut down , Drop plug	
09:58	190	0	7.2	1	H2O	Start 321.7 bbls H2O displacement	
10:53	1490	0	4	321	H2O	Late pressure 1490 psi	
10:53	2220	0	0	321.7	H2O	Bump plug , Check float , Held	
						121 Bbls cmt back	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> N	2220	<input checked="" type="checkbox"/> N	121	683	0	Y <input checked="" type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER Cabot Oil & Gas Corporation		DATE 07-AUG-06	F.R. # 444310085	SERV. SUPV. SHANE P HELTON							
LEASE & WELL NAME McKenna 14-14 - API 43037318410000		LOCATION Sec 14 T29S R24E		COUNTY-PARISH-BLOCK San Juan Utah							
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # Unit # 134		TYPE OF JOB Long String							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
BJ Cement Plug, Rubber, Top 7 in		Guide Shoe, Cement Nose, 7 in		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
		Float Collar, AI Flap, 7 - 8rd									
MATERIALS FURNISHED BY BJ											
Ultra Flush II					12.4					40	
Premium lite+.5%r+.3%kcl+.25lbs cf+2lbs kol seal+					871	13.5	1.76	8.4		273	174.19
.4%fl-52+.2%ba-59					0	13.5	1.76	8.4		0	0
Claytreat					8.4					348.66	
Available Mix Water 700 Bbl. Available Displ. Fluid 450 Bbl.								TOTAL		661.66	174.19

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
8.75	15	9124	7	26	CSG	9160	P-110	9160	9112.51	0		
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
				No Packer		0	0	0	7	8 RD	WATER BASED MU	11.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
348.7	BBLS	Claytreat	8.4	2150	0	0	0	0	9960	7868	Water tanks	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:30						Arrived on location
00:00						Pre rig up safety meeting
00:10						Rig up equipment
02:30						Batch up weighted spacer
03:10						Pre job safety meeting
04:08	4500	0		2	H2O	Pressure test line
04:12	366	0	4	39	H2O	Ultra Flush II weighted spacer
04:26						Batch up and weigh cement
04:29	490	0	4.5	262	CMT	Cement slurry
05:40						Wash pumps and line
05:45	117	0	7		H2O	Drop plug and start displacement
05:58	550	0	7	50	H2O	Rate and pressure
06:02	927	0	7	50	H2O	Rate and pressure
06:09	1273	0	7	50	H2O	Rate and pressure
06:14	1671	0	7	50	H2O	Rate and pressure
06:22	2189	0	7	50	H2O	Rate and pressure
06:30	2516	0	5.4	50	H2O	Rate and pressure
06:36	2780	0	5	35	H2O	Rate and pressure
06:36	2780	0	3.5	4.5	H2O	Slow rate
06:40	3212	0				Land plug and check float
						63 sacks to pit
						3.5 Bbls flow back
						Thanks Shane, Tim, Mike, Doug, Ryan, Justin

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NOV 24 2006

DIV. OF OIL, GAS & MINING

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3212	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	19.9	662.6	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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NOV 24 2006



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

April 2, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 5575

Ms. Jean Arnold
Cabot Oil & Gas Corporation
600 17th Street Suite 900 N
Denver, CO 80202

Re: McKenna 14-14 API 43-037-31841 29S 24E 14
Extended Shut-in and Temporarily Abandoned Well Requirements for Fee
or State Leases

Dear Ms. Arnold,

As of January 2008, Cabot has one (1) Fee Lease Well (Attachment A) that is in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon showing of good cause by the operator (R649-3-36-1.3.3).

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



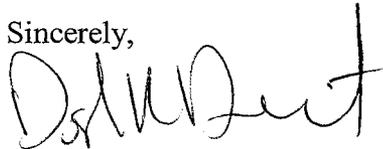
Page 2
April 2, 2008
Ms. Arnold

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/js

Enclosure

cc: Operator Compliance File
Well File

ATTACHMENT A

	Well Name	Location	API	Lease Type	Years Inactive
1	McKenna 14-14	NENE Sec 14-T29S-R24E	43-037-31841	Fee	1 Year 3 Months

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:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
McKenna 14-14

9. API NUMBER:
4303731841

10. FIELD AND POOL, OR WILDCAT:
Wildcat

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 Corp.

3. ADDRESS OF OPERATOR:
600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 226-9443

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 679' FNL & 607' FEL COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E 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: <u>6/10/2008</u>	<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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<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 checked="" type="checkbox"/> OTHER: <u>Plugging procedure attached.</u>
	<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.

Cabot Oil & Gas Corporation intends to plug the captioned well on or about June 10, 2008. Attached is the current wellbore schematic, plugging procedure and cementing procedure. It is Cabot's intent to plug the well back to the base of the White Rim Sand and then assign the well to the landowner, Steven Redd for use as a water supply well. As outlined in the plugging procedure cement plugs will be sent as follows:

- Plug #1: 8246-8146 19 sacks of 94#/sx Premium cement
- Plug #2: 7100-7000 19 sacks of 94#/sx Premium cement
- Plug #3: 4200-4100 19 sacks of 94#/sx Premium cement

Drilling mud will be initially circulated throughout the well, but will be displaced with fresh water above the upper plug in preparation for the landowner. The bradenhead will be left in place and a blind flange will be installed.

COPY SENT TO OPERATOR

Date: 5.19.2008

Initials: KS

NAME (PLEASE PRINT) Jean Arnold

TITLE Prod. Tech.

SIGNATURE Jean Arnold

DATE 5/7/2008

(This space for State use only)

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

DATE: 5/15/08

BY: [Signature]
* See Conditions of Approval (Attached)

RECEIVED

MAY 13 2008

DIV. OF OIL, GAS & MINING

**Proposed Plugging Procedure
McKenna #14-14
NE NE Section 14, T29S, R24E
San Juan County, Utah**

Status:

Well has been inactive pending further evaluation of the Honaker Trail 2 perms. All other Honaker Trail, Ismay, Hovenweep, Gothic and Gothic Shale perforations have been plugged with CIBPs and cement.

All casing strings have been cemented to surface.

13 3/8" set at 1748'

9 5/8" set at 4246'

5 1/2" set at 9124' (Current PBTD is 8600')

Open Honaker Trial perforated interval is 8292-8321'.

2 3/8" Tubing is hung at 8184'. Well is nipples up with a 5K tree on the surface.

Casing: 7" 26#/ft HCP-110, LT&C
Capacity = 0.0382 bbls/ft
ID = 6.151"

Tubing: 2 3/8" 4.7#/ft, N-80 EUE
Capacity = 0.00387 bbls/ft
ID = 1.901"

Annulus: 2 3/8" - 7"
Capacity = 0.0328 bbls/ft
Height = 30.50 ft/bbl

Procedure:

1. Well may have built up pressure since it has been shut in. Bleed off pressure.
2. Set two 500 bbl frac tanks. Fill one with 330 bbls of 9.0 ppg drg mud, the other w/ 300 BW.
3. Move 10 jts of 2 3/8" tbg from Fossil Federal field to location for use in the well and flowlines.
4. ND tree and NU BOPs. RU flowline off csg to pit.
5. PU 2 jts of 2 3/8" tubing to lower the end of tubing string to 8246'.
6. RU rig pump and circ drilling mud with returns going to reserve pit.
7. RU Halliburton. Proceed to place cement plugs across the following intervals using the attached cementing procedure.

Plug #1	8246 - 8146'
Plug #2	7100 - 7000'
Plug #3	4200 - 4100'
8. PU 1 jt. Circ out drlg mud w/ 156 bbls of fresh water in preparation for the land owner's use.
9. POOH LD tubing.

10. ND BOPs. Remove tbg hanger. Cap bradenhead with blind flange. Release rig.
11. Send tree to FMC's yard in Farmington. Send tubing to Fossil Federal yard.
12. Empty any remaining fluids in the tanks to the pit and release frac tanks.
13. Clear location of all trash. Reserve pit will be filled at a later date when dry.
14. Location will be restored and reseeded this coming fall.
15. Landowner, Steven Redd plans to make the well into a water producer.
- White Rim Sand 3633 – 4064'

Wellbore Diagram

Elev. GL: 6,685'
KB: 6,702'

Spud: 05/24/06
Comp: 10/27/06 (TA pending evaluation)

Surface Casing

13-3/8", 61#, K-55, BTC
set at 1,748' w/1802 sx
circ. 80 bbl cmt to surf.

Hole Size
14-3/4"

Intermediate Casing

9-5/8", 40# & 36#, J-55, LT&C
set at 4,246' w/1,169 sx.
circ. 92 bbl cmt to surf.

Hole Size
12-1/4"

Production Casing

7", 26#, HCP-110, LT&C
set at 9,124' w/871 sx.
marker jt at 8166'
circ 20 bbl cmt to surf.

Hole Size
8-3/4"

CBL shows good bond to 4900'

Tubing

2-3/8", 4.7#, N-80, EUE
w/1.81" F-nipple 1 jt from btm
landed at 8184'

Honaker Trail 2 Perfs

8292'-8298' 8313'-8321' 4 spf

Frac Honaker Trail 2 8292'-8321'

down 7" w/833 bbl 70% qual N2 foam &
70,000 # 20-40 mesh Santrol Tempered LC

Honaker Trail 1 Perfs

8650'-8685' 2 spf

CIBP @ 8620'
w/20' of cmt on top

Ismay Perfs

8812'-8822' 3 spf

CIBP @ 8770'
w/20' of cmt on top

Hovenweep Perfs

8850'-8875' 1 spf

CIBP @ 8840'
w/10' of cmt on top

Gothic Perfs

8925'-9050' 1 spf

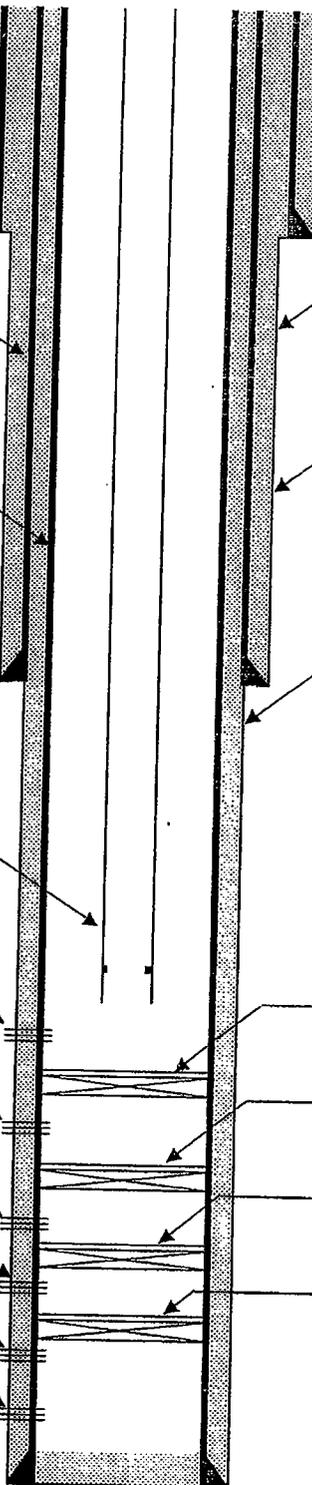
CIBP @ 8915'
w/20' of cmt on top

Gothic Shale Perfs

9032', 9046', 9051' 2 spf

Frac Gothic 8925'-9051'

down 7" x 2-3/8" annulus w/1764 bbl
Lightning-22 x-link gelled water &
132,307 # 30-50 mesh econoprop



PBTD 9,077' (float collar)
TD 9,124' MD

Cabot Oil & Gas Corporation
McKenna # 14-14
679' FNL & 607' FEL
NE NE Section 14 T29S - R24E
San Juan County, Utah
API #: 43-037-31841

HALLIBURTON

**Cabot Oil & Gas Production Corp
1200 Enclave Pkwy
Houston, Texas 77077**

McKenna 14-14

San Juan County, Utah
United States of America
S:14 T:29S R:24E
API/UWI 043-037-31841

Plug and Abandon

Prepared for:
May 7, 2008
Version: 2

Submitted by:
Isaac Paterniti
Halliburton
1125 17th. St. Suite 1900
Denver, Colorado 80202

HALLIBURTON

HALLIBURTON

*Halliburton appreciates the opportunity to present
this proposal and looks forward to being of service to you.*

Foreword

Enclosed is our recommended procedure for fracturing the formation in the referenced well. The information in this proposal includes well data, calculations, material requirements, and cost estimates. This proposal is based on information from our field personnel and previous stimulation services in the area. Halliburton appreciates the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representatives listed below.

Prepared and Submitted by:

Isaac Paterniti
Technical Advisor

SERVICE CENTER:
SERVICE COORDINATOR:
OPER. ENGINEER:
PHONE NUMBER:

Farmington, NM.
Dale Kalcich
Doug Magill
(505) 324-3500

Calculations

P&A

Plug 1

Spacer:

$$\begin{aligned} 707.84 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 152.07 \text{ ft}^3 \\ \text{Total Spacer} &= 152.07 \text{ ft}^3 \\ &= 27.08 \text{ bbl} \end{aligned}$$

Cement : (100.00 ft fill)

$$\begin{aligned} 100.00 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 21.48 \text{ ft}^3 \\ \text{First Stage Tail Cement} &= 21.48 \text{ ft}^3 \\ &= 3.83 \text{ bbl} \end{aligned}$$

$$\text{Total Pipe Capacity: (8150.00 ft MD)} = 18.31 \text{ ft}^3$$

Plug 2

Spacer:

$$\begin{aligned} 707.84 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 152.07 \text{ ft}^3 \\ \text{Total Spacer} &= 152.07 \text{ ft}^3 \\ &= 27.08 \text{ bbl} \end{aligned}$$

Cement : (100.00 ft fill)

$$\begin{aligned} 100.00 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 21.48 \text{ ft}^3 \\ \text{Second Stage Tail Cement} &= 21.48 \text{ ft}^3 \\ &= 3.83 \text{ bbl} \end{aligned}$$

$$\text{Total Pipe Capacity: (8250.00 ft MD)} = 18.31 \text{ ft}^3$$

Plug 3

Spacer:

$$\begin{aligned} 287.49 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 61.76 \text{ ft}^3 \\ \text{Total Spacer} &= 61.76 \text{ ft}^3 \\ &= 11.00 \text{ bbl} \end{aligned}$$

Cement : (100.00 ft fill)

$$\begin{aligned} 100.00 \text{ ft} * 0.2148 \text{ ft}^3/\text{ft} * 0 \% &= 21.48 \text{ ft}^3 \\ \text{Plug Cement} &= 21.48 \text{ ft}^3 \\ &= 3.83 \text{ bbl} \end{aligned}$$

$$\text{Total Pipe Capacity: (7100.00 ft MD)} = 8.78 \text{ ft}^3$$

HALLIBURTON

Job Recommendation

P&A

Fluid Instructions

Plug 1

Fluid 1: Water Spacer

Water Ahead

Fluid Density: 8.34 lbm/gal
Total Volume: 27.08 bbl
Volume Ahead: 24.23 bbl

Fluid 2: First Stage Tail Cement

Premium Cement

94 lbm/sk Premium Cement (Cement)

0.1 % HR-5 (Retarder)

Fluid Weight 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sk
Total Mixing Fluid: 4.98 Gal/sk
Top of Fluid: 8050 ft
Calculated Fill: 100 ft
Volume: 3.83 bbl
Calculated Sacks: 19 sks
Proposed Sacks: 19 sks

Fluid 3: Water Spacer

Displacement

Fluid Density: 8.34 lbm/gal
Total Volume: 27.08 bbl
Volume Behind: 2.86 bbl

Cement Plug 8250 ft (MD)

Plug 2

Fluid 1: Water Spacer

Water Ahead

Fluid Density: 8.34 lbm/gal
Total Volume: 27.08 bbl
Volume Ahead: 24.23 bbl

Fluid 2: Second Stage Tail Cement

Premium Cement

94 lbm/sk Premium Cement (Cement)

0.1 % HR-5 (Accelerator)

Fluid Weight 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sk
Total Mixing Fluid: 4.98 Gal/sk
Top of Fluid: 8150 ft
Calculated Fill: 100 ft
Volume: 3.83 bbl
Calculated Sacks: 19 sks
Proposed Sacks: 19 sks

Fluid 3: Water Spacer

Displacement

Fluid Density: 8.34 lbm/gal
Total Volume: 27.08 bbl
Volume Behind: 2.86 bbl

Cement Plug 7100 ft (MD)

Plug 3

Fluid 1: Water Based Spacer

Water Ahead

Fluid Density: 8.34 lbm/gal
Total Volume: 11 bbl

HALLIBURTON

Volume Ahead: 9.84 bbl

Fluid 2: Plug Cement
Premium Cement
94 lbm/sk Premium Cement (Cement)

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sk
Total Mixing Fluid: 4.99 Gal/sk
Top of Fluid: 7000 ft
Calculated Fill: 100 ft
Volume: 3.83 bbl
Calculated Sacks: 19 sks
Proposed Sacks: 19 sks

Fluid 3: Water Spacer
Displacement

Fluid Density: 8.34 lbm/gal
Total Volume: 11 bbl
Volume Behind: 1.16 bbl

Calculated Sacks: 19 sks
Proposed Sacks: 19 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
Plug 1					
1	Spacer	Water Ahead	8.3		24.23 bbl
2	Cement	15.8#	15.8		19 sks
3	Spacer	Displacement	8.3		2.86 bbl
Plug 2					
1	Spacer	Water Ahead	8.3		24.23 bbl
2	Cement	15.8#	15.8		19 sks
3	Spacer	Displacement	8.3		2.86 bbl
Plug 3					
1	Spacer	Water Ahead	8.3		9.84 bbl
2	Cement	15.8#	15.8		19 sks
3	Spacer	Displacement	8.3		1.16 bbl

HALLIBURTON

Cost Estimate

P&A

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Net Amt
7528	CMT PLUG TO ABANDON BOM	1	JOB	0.00	0.00	0.00
2	MILEAGE FOR CEMENTING CREW,ZI	240	MI	5.76	1,382.40	898.56
	Number of Units	1				
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	240	MI	9.79	2,349.60	1,527.24
	Number of Units	1				
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI	1	EA	12,584.00	12,584.00	8,179.60
	DEPTH	8150				
	FEET/METERS (FT/M)	FT				
100003685	CLASS G / PREMIUM	57	SK	40.42	2,303.94	1,497.56
100005050	HR-5	4	LB	11.07	44.28	28.78
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	120	MI	3.35	1,077.36	700.28
	NUMBER OF TONS	2.68				
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	57	CF	5.49	312.93	203.40
	NUMBER OF EACH	1				
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	241.00	482.00	482.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	240	MI	0.57	273.60	273.60
	Number of Units	2				
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	240	MI	0.19	45.60	45.60
	Number of Units	1				
	Total		USD			20,855.71
	Discount		USD			7,019.09
	Discounted Total		USD			13,836.62

Primary Plant: Farmington, NM USA 4109E Main
 Secondary Plant: Farmington, NM USA 4109E Main



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

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: McKenna 14-14
API Number: 43-037-31841
Operator: Cabot Oil and Gas Corporation
Reference Document: Original Sundry Notice dated May 7, 2008,
received by DOGM on May 13, 2008

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. All annuli shall be cemented from a minimum depth of 100' to the surface.
3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
4. Note: Cabot Oil and Gas Corporation (Cabot) will be held responsible until such time that adequate proof has been supplied to the Division to convert this well to a water well. The proof should include an acceptance of responsibility from the landowner; release of the well bore from Cabot to the landowner and proof that the well has been adequately converted and working as a water supply well under the Division of Water Rights authority (see R649-3-24-6 for more information on this requirement). The well will be considered Temporarily Abandoned and fall subject to all requirements in the Oil and Gas Conservation General Rules, including R649-3-36, until such time that the conversion is complete and approved by the Division.
5. Form 9 – Sundry Notice detailing P&A work shall be submitted upon completion of the P&A work.
6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
7. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

May 15, 2008

Date



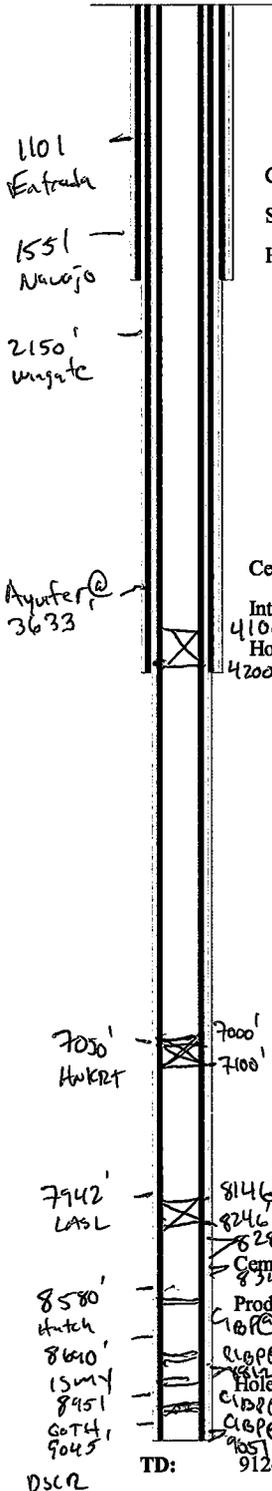
Wellbore Diagram

API Well No: 43-037-31841-00-00 **Permit No:**
Company Name: CABOT OIL & GAS CORP
Location: Sec: 14 T: 29S R: 24E Spot: NENE
Coordinates: X: 653970 Y: 4238837
Field Name: WILDCAT
County Name: SAN JUAN

Well Name/No: MCKENNA 14-14

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (F/C)
HOL1	1748	14.75			
SURF	1748	12.375	61	1748	
HOL2	4246	12.25			
I1	4246	9.625	40	4246	
I1	4246	9.625	36	4246	
HOL3	9124	8.75			
PROD	9124	7	26	9124	4-655



Cement from 1748 ft. to surface
 Surface: 12.375 in. @ 1748 ft.
 Hole: 14.75 in. @ 1748 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	4246	0	UK	1169
PROD	9124	0	UK	871
SURF	1748	0	UK	1802

Cement from 4246 ft. to surface
 Intermediate: 9.625 in. @ 4246 ft.
 Hole: 12.25 in. @ 4246 ft.

Plug #3
 $195 \times = 102' \text{ var.}$

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
8282	8349			

Plug #2
 $195 \times = 102' \text{ var.}$

Plug #1
 $(195 \times) (1.15) (4.655) = 102' \text{ var.}$

Formation Information

Formation	Depth
ENRD	1101
NAVA	1551
WINGT	2150
HNKRT	7050
LASL	7942
HATCH	8580
ISMY	8690
GOTH	8951
DSCR	9045
SALT	9065

Cement from 9124 ft. to surface
 Production: 7 in. @ 9124 ft.
 Hole: 8.75 in. @ 9124 ft.

TD: 9124 TVD: 9124 PBTD: 9077



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: Fee
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: Cabot Oil & Gas Corp.		8. WELL NAME and NUMBER: McKenna 14-14
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4303731841
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679' FNL & 607' FEL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E		COUNTY: San Juan
		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 (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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/18/2008	<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.

Cabot Oil & Gas Corporation has tested all prospective zones in the McKenna 14-14 and found no horizon to be economically productive. Cabot plug and abandoned the McKenna #14-14 well up to the depth for the Surface Owner to use the well as a water supply well in the White Rim water sand. See attached well history, final Cabot Oil & Gas Corporation wellbore diagram and cementing report.

NAME (PLEASE PRINT) <u>Jacob Ellwood</u>	TITLE <u>Prod. Engr.</u>
SIGNATURE	DATE <u>7/29/2008</u>

Wellbore Diagram

Elev. GL: 6,685'
KB: 6,702'

Spud: 05/24/06
Comp: 10/27/06 (TA pending evaluation)

Surface Casing

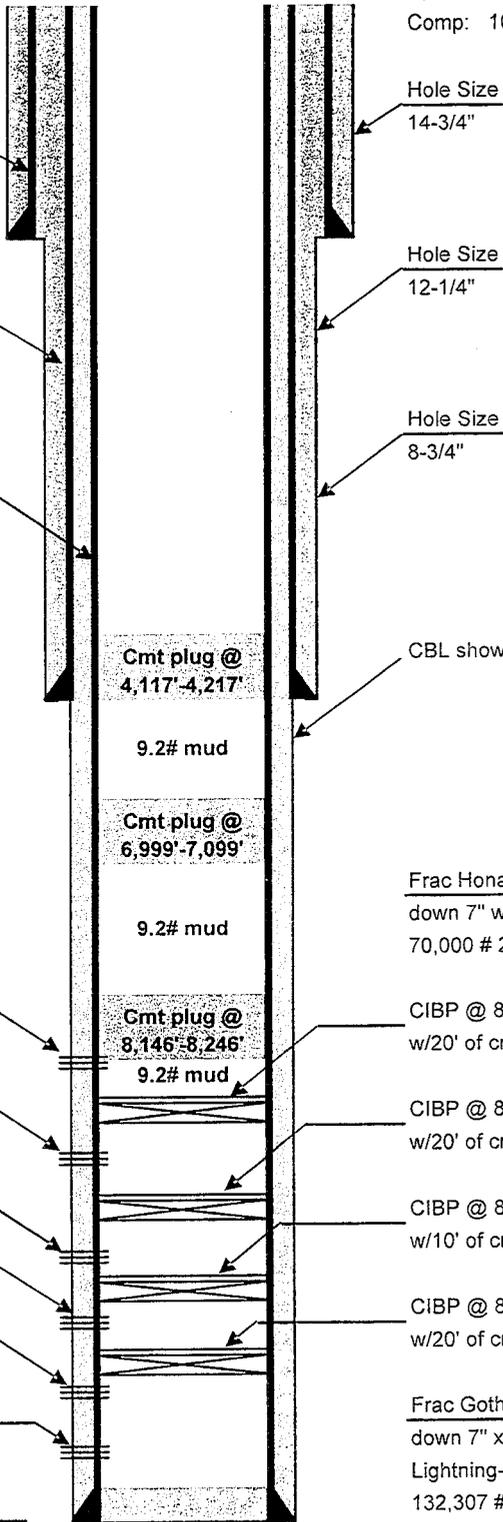
13-3/8", 61#, K-55, BTC
set at 1,748' w/1802 sx
circ. 80 bbl cmt to surf.

Intermediate Casing

9-5/8", 40# & 36#, J-55, LT&C
set at 4,246' w/1,169 sx.
circ. 92 bbl cmt to surf.

Production Casing

7", 26#, HCP-110, LT&C
set at 9,124' w/871 sx.
marker jt at 8166'
circ 20 bbl cmt to surf.



Hole Size
14-3/4"

Hole Size
12-1/4"

Hole Size
8-3/4"

Cmt plug @
4,117'-4,217'

9.2# mud

Cmt plug @
6,999'-7,099'

9.2# mud

Cmt plug @
8,146'-8,246'

9.2# mud

CBL shows good bond to 4900'

Frac Honaker Trail 2 8292'-8321'
down 7" w/833 bbl 70% qual N2 foam &
70,000 # 20-40 mesh Santrol Tempered LC

CIBP @ 8620'
w/20' of cmt on top

CIBP @ 8770'
w/20' of cmt on top

CIBP @ 8840'
w/10' of cmt on top

CIBP @ 8915'
w/20' of cmt on top

Frac Gothic 8925'-9051'
down 7" x 2-3/8" annulus w/1764 bbl
Lightning-22 x-link gelled water &
132,307 # 30-50 mesh econoprop

Honaker Trail 2 Perfs
8292'-8298' 8313'-8321' 4 spf

Honaker Trail 1 Perfs
8650'-8685' 2 spf

Ismay Perfs
8812'-8822' 3 spf

Hovenweep Perfs
8850'-8875' 1 spf

Gothic Perfs
8925'-9050' 1 spf

Gothic Shale Perfs
9032', 9046', 9051' 2 spf

PBTD 9,077' (float collar)
TD 9,124' MD

Cabot Oil & Gas Corporation
McKenna # 14-14
679' FNL & 607' FEL
NE NE Section 14 T29S - R24E
San Juan County, Utah
API # : 43-037-31841

The Road to Excellence Starts with Safety

Sold To #: 301145	Ship To #: UNKNOWN	Quote #:	Sales Order #: 6033788
Customer: CABOT OIL & GAS PRODUCTION CORP		Customer Rep:	
Well Name: McKenna	Well #: 14-14	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: San Juan	State: Utah
Job Purpose: Plug to Abandon Service			
Well Type: Producing Well		Job Type: Plug to Abandon Service	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: SHOATS, HARRY	MBU ID Emp #: 329013

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BUTTS, MIKE	10	446521	RICHEIN, ANTHONY Ray	10	412961	SHOATS, HARRY T	10	329013
WEIDNER, KALEB	10	450107						

Equipment

HES Unit #	Distance-1 way						
10011274	180 mile	10804563	180 mile	10823383	180 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
07-16-08	10	3						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD) From	To	Date	Time	Time Zone
			BHST	8246. ft	8246. ft		4. ft			16 - Jul - 2008	02:00	MST
										16 - Jul - 2008	09:00	MST
										16 - Jul - 2008	10:00	MST
										16 - Jul - 2008	17:00	MST
										16 - Jul - 2008	18:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
7" Production Casing	Unknown		7.	6.276	26.		N-80	.	8246.	.	8246.
2 3/8" Tubing	Unknown		2.375	1.995	4.7		N-80	.	8246.	.	8246.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

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Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Ahead		20.0	bbl	8.34	.0	.0	.0	
2	15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	20.0	sacks	15.8	1.15	4.98		4.98
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.1 %	HR-5, 50 LB SK (100005050)							
	4.984 Gal	FRESH WATER							
3	Displacement		01.671	bbl	8.34	.0	.0	.0	
4	Water Ahead		20.0	bbl	8.34	.0	.0	.0	
5	Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	20.0	sacks	15.8	1.15	4.99		4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.989 Gal	FRESH WATER							
6	Displacement		01.671	bbl	8.34	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry	15	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	353
Rates									
Circulating	2	Mixing	2	Displacement	2	Avg. Job	2		
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature <i>R. H. Thompson</i>					

The Road to Excellence Starts with Safety

Sold To #: 301145	Ship To #: UNKNOWN	Quote #:	Sales Order #: 6033788
Customer: CABOT OIL & GAS PRODUCTION CORP		Customer Rep:	
Well Name: McKenna		Well #: 14-14	API/UWI #:
Field:	City (SAP): UNKNOWN	County/Parish: San Juan	State: Utah
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor:		Rig/Platform Name/Num: Any Rig 1	
Job Purpose: Plug to Abandon Service			Ticket Amount:
Well Type: Producing Well		Job Type: Plug to Abandon Service	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: SHOATS, HARRY	MBU ID Emp #: 329013

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/16/2008 02:00							
Depart Yard Safety Meeting	07/16/2008 04:00							
Assessment Of Location Safety Meeting	07/16/2008 09:00							
Pre-Rig Up Safety Meeting	07/16/2008 09:10							
Start Job	07/16/2008 10:12							
Circulate Well	07/16/2008 10:14		3				1000.0	9.2# MUD
End Job	07/16/2008 12:02							
Pre-Job Safety Meeting	07/16/2008 12:07							
Start Job	07/16/2008 12:12							START 1ST PLUG
Test Lines	07/16/2008 12:13						2500.0	LOST CHART
Pump Spacer 1	07/16/2008 12:13		2.5	10			624.0	H2O
Pump Cement	07/16/2008 12:16		2.5	4			991.0	20 SKS /15.8 # CEMENT
Pump Displacement	07/16/2008 12:18		2.5	31.4			663.0	1 BBL H2O/ 29 BBL MUD
Shutdown	07/16/2008 12:29				45.4			PULLED 37 LOINT
Start Job	07/16/2008 13:18							START 2 SCD PLUG
Pump Spacer 1	07/16/2008 13:19		2.5	10			600.0	H2O
Pump Cement	07/16/2008 13:24		2.5	4			560.0	20 SKS/15.8# CEMENT

Sold To #: 301145

Ship To #: UNKNOWN

Quote #:

Sales Order #:

6033788

SUMMIT Version: 7.20.130

Wednesday, July 16, 2008 05:52:00

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	07/16/2008 13:27		2.5	25			325.0	1 H2O /25 MUD
Shutdown	07/16/2008 13:38				39			PULLED 93 JOINT
Start Job	07/16/2008 15:10							START 3 TRD PLUG
Pump Spacer 1	07/16/2008 15:11		2.5	10			450.0	H2O
Pump Cement	07/16/2008 15:16		2.5	4			399.0	20 SKS/ 15.8# CEMENT
Pump Displacement	07/16/2008 15:19		2.5	14.8			74.0	1BBL H2O/ 14.0 BBL MUD
Shutdown	07/16/2008 15:25				28.8			PULLED 4 JOINTS
Circulate Well	07/16/2008 15:39		3	240			600.0	H2O
Shutdown	07/16/2008 16:53				353.2			
End Job	07/16/2008 16:57							
Pre-Job Safety Meeting	07/16/2008 17:00							
Depart Location Safety Meeting	07/16/2008 18:00							

Sold To # : 301145

Ship To # : UNKNOWN

Quote # :

Sales Order # :

6033788

SUMMIT Version: 7.20.130

Wednesday, July 16, 2008 05:52:00

Work Order Contract

Order Number

6033788

Halliburton Energy Services, Inc.
Houston, Texas 77056

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 14-14	Farm or Lease McKenna	County San Juan	State Utah	Well Permit Number
Customer CABOT OIL & GAS PRODUCTION CORP		Well Owner	Job Purpose Plug to Abandon Service	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insured on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 10200 Bellaire Blvd., Houston, TX, 77072-5299.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES

IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. I AM SIGNING THIS WORK ORDER CONTRACT WITH THE UNDERSTANDING THAT ITS TERMS AND CONDITIONS WILL NOT APPLY TO THE EXTENT THEY CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.

SIGNED:



CUSTOMER Authorized Signatory

DATE:

7/16/08

TIME:

A.M./P.M.



GARY R. HERBERT
Governor

GREGORY S. BELL
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

September 20, 2011

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1434

Ms. Jean Arnold
Cabot Oil & Gas Corporation
5 Penn Center W, Floor 4
Pittsburgh, PA 12526-0120

43 037 31841
McKenna 1A-1A
29S 24E 14

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Arnold:

As of January 2011, Cabot Oil & Gas Corporation (Cabot) has one (1) Fee Lease Well (see Attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

On April 2, 2008, the Division of Oil & Gas (Division) sent out a notice of non-compliance of SI/TA status concerning this well. Cabot responded with intent to plug and convert to a water well for use by the land owner.

On May 15, 2008, conditions of approval to plug and abandon were issued. It was stated (paragraph 4) in the conditions that "Cabot will be held responsible until such time that adequate proof has been supplied to the Division to convert this well to a water well. The proof should include an acceptance of responsibility from the landowner; release of the well bore from Cabot to the landowner and proof that the well has been adequately converted and working as a water supply well under the Division of Water Rights authority (see R649-3-24-6). The well will be considered Temporarily Abandoned and fall subject to all requirements in the Oil and Gas Conservation Rules, including R649-3-36, until such time that the conversion is complete and approved by the Division."

To date the Division has not received any of the information as required above.

Let it also be noted that on May 26, 2011, Mr. Bob Davis of Patara Oil & Gas spoke with Mr. Bart Kettle of the Division. It was stated in this conversation that the land owner was being worked with to determine whether the well would be converted to a water well or plugged to surface and reclaimed. Mr. Davis requested until June 10, 2011, to resolve this matter. The Division representative verbally approved this request. However, this date has since passed and nothing has been received to show progress in moving forward with either matter.

Please submit supporting documents as stated above to release Cabot from this well to the landowner as a water well; or submit the information required by R649-3-36 as described below for continued SI/TA status under Cabot's liability.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

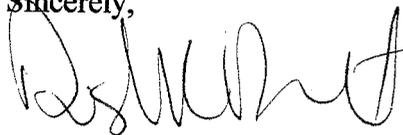
Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	MCKENNA 14-14	43-037-31841	FEE	4 Years 3 Months

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: Fee
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: Cabot Oil & Gas Corporation		8. WELL NAME and NUMBER: McKenna 14-14
3. ADDRESS OF OPERATOR: 5 Penn Center West, Ste 401 <small>CITY</small> Pittsburgh <small>STATE</small> PA <small>ZIP</small> 15276		9. API NUMBER: 4303731841
4. LOCATION OF WELL FOOTAGES AT SURFACE: 679 FNL 607 FEL Sec. 14 T29S R24E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 29S 24E S		10. FIELD AND POOL, OR WILDCAT: Wildcat COUNTY: San Juan 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 (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/26/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

This well is recorded under the operatorship of Cabot Oil & Gas Corporation (Cabot). As part of a Purchase and Sales agreement between Cabot and Patara Oil & Gas (Patara) dated June 30, 2010, Patara agreed to complete operations to plug and abandon this wellsite. Acting as an agent on behalf of Cabot, please accept the following record of P&A. Procedures are as follows:

Set plug from 1,667 - 1,800' with 4.7bbls 15.8ppg Class G cement
 Set plug from 50' - surface with 5bbls 15.8ppg Class G cement
 Cut off casing 4' below ground level, weld on P&A plate.

Please see attached wellbore schematic for P&A operations completed by Cabot and Patara. All operations on this site are now complete.

Please contact Christopher Noonan with Patara Oil & Gas at bnoonan@pataraog.com, or 303.563.5377, with any questions or concerns. Thank you.

NAME (PLEASE PRINT) <u>Christopher Noonan</u>	TITLE <u>Agent for Cabot Oil & Gas thru Patara Oil & Gas</u>
SIGNATURE	DATE <u>11/8/2011</u>

(This space for State use only)

RECEIVED
NOV 10 2011
DIV. OF OIL, GAS & MINING

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

Patara Oil & Gas, LLC

REV.	DATE

PLUG AND ABANDON WELLBORE SCHEMATIC
 McKenna 14-14 (Operated by Cabot Oil & Gas)
 API No. 43-037-31841
 SHL: 679 FNL 607 FEL
 Sec. 14 T29S R24E
 San Juan County, Utah

DRAWN	C. Noonan
APP'D	J. Warren
SCALE	Not Drawn to Scale
DATE	11/8/2011
SHEETS SHEET	

SPUD DATE
May 24, 2006

ELEVATION
Ground - 6,685'
RKB - ±6,702'

CONDUCTOR CASING
Set in place

SURFACE CASING
13-3/8" 61# J-55 BTC

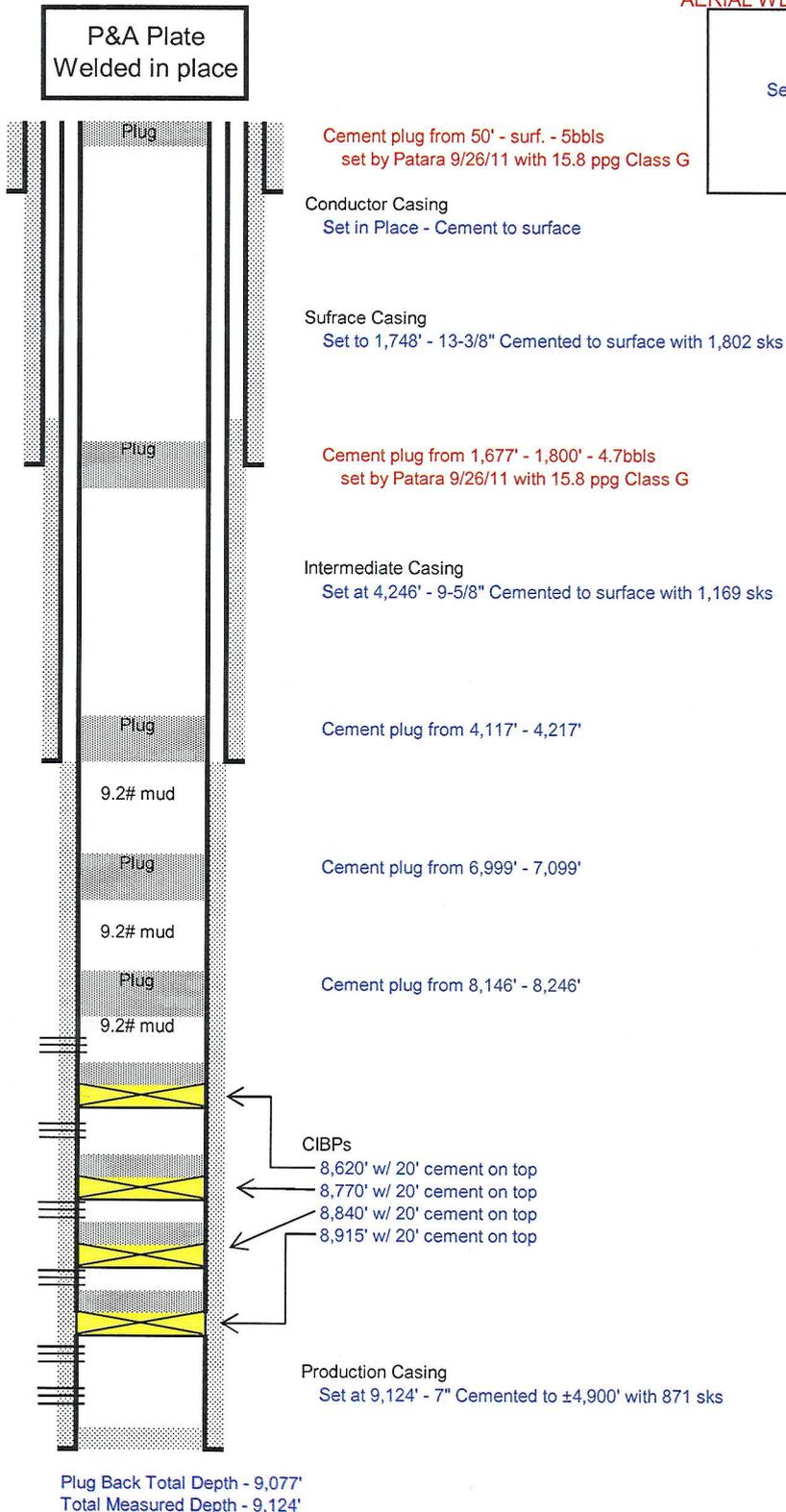
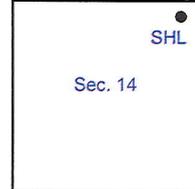
INTERMEDIATE CASING
9-5/8" 40# & 36# J-55 LT&C

PRODUCTION CASING
7" 26# HCP-110 LT&C

TUBING
Pulled by Cabot Oil & Gas

PREVIOUS OPERATIONS
Production plugs set by
Cabot Oil & Gas October 2006

AERIAL WELL LOCATION



Please note:
 Existing well features in black
 Key well features in blue
 Operational changes in red

CEMENT JOB REPORT



CUSTOMER PATARA OIL & GAS LLC			DATE 26-SEP-11		F.R. # 1001855629		SERV. SUPV. DELBERT S GALLEGOS							
LEASE & WELL NAME MCKENNA #14-14 - API 43037318410000			LOCATION 14-29S-24E			COUNTY-PARISH-BLOCK San Juan Utah								
DISTRICT Grand Junction			DRILLING CONTRACTOR RIG #			TYPE OF JOB Plug & Abandon								
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES								
NONE						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
MATERIALS FURNISHED BY BJ														
Class G Cement						45	15.8	1.15	4.99		9.7	5.64		
Available Mix Water _____ Bbl.						Available Displ. Fluid _____ Bbl.			TOTAL		9.7	5.64		
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE				
7	0	1800	2.875	6.4	TBG	1800								
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
7	26	CSG	1800						2.875	1502	FRESH WATER	8.34		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			MIX WATER	
9	BBLs			0	400		13870	11096	9960	7968			frac tank	

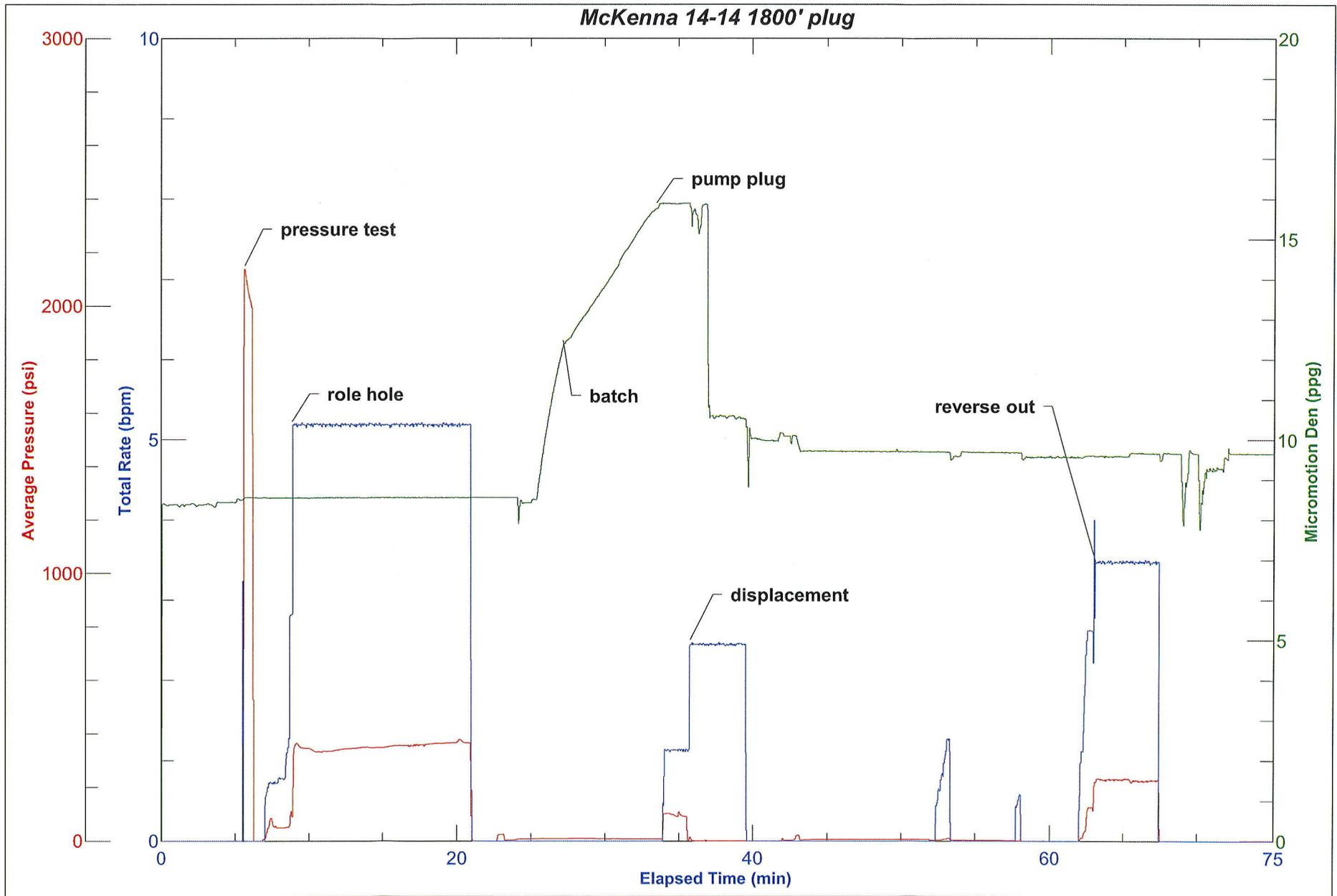
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

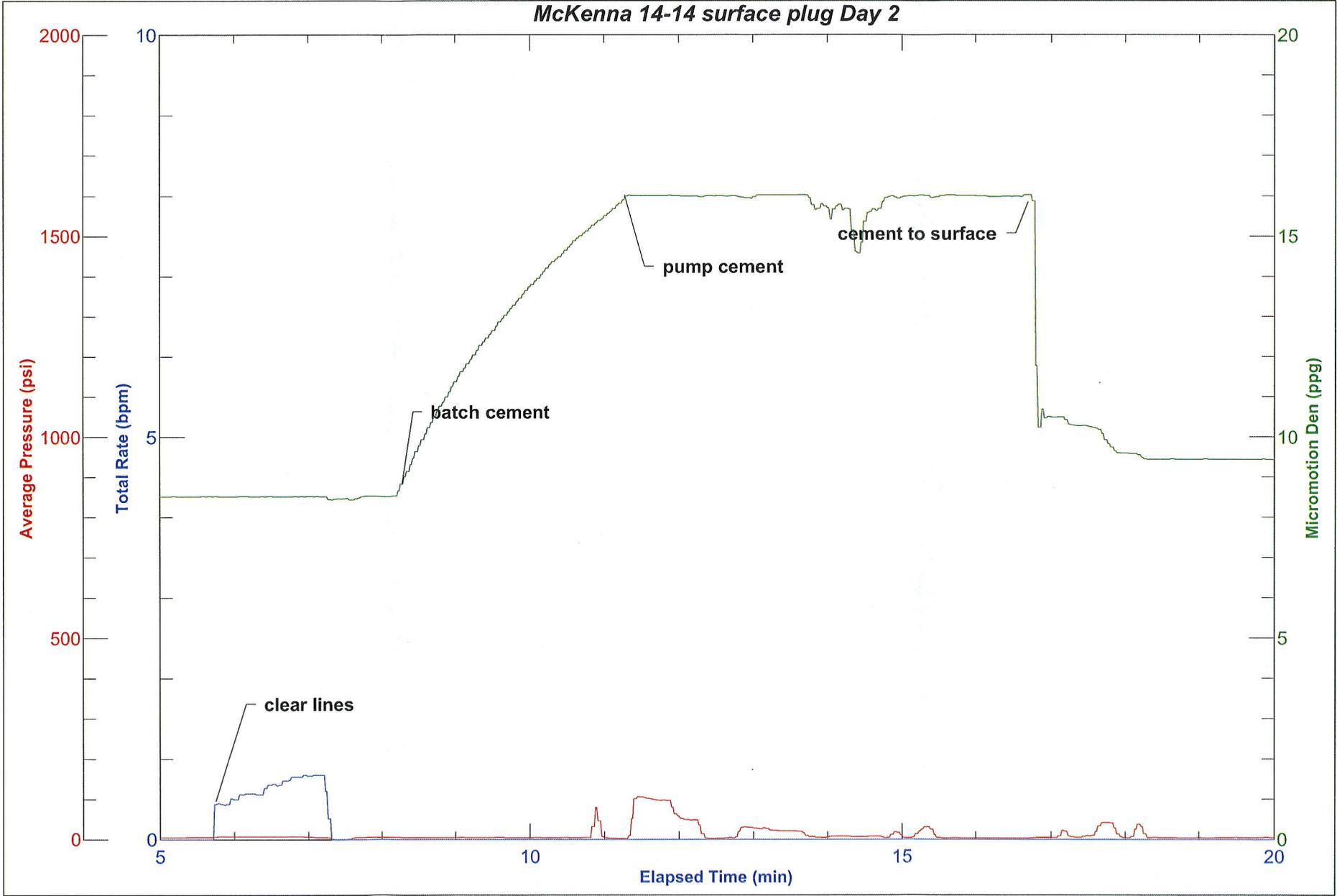
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2000 PSI
						CIRCULATING WELL - RIG	BJ <input checked="" type="checkbox"/>
11:00						safety and convoy meeting	
11:30						leave yard for location	
14:30						arrive to location	
14:45						JSA and tailgate meeting	
15:00						spot trucks rig iron and hoses	
15:45						wait on rig to run tubing in the hole	
16:45						prejob safety meeting	
17:00	2082	0	.5	.5	WATER	pressure test lines to 2000psi	
17:04	352	0	5.2	5	WATER	role the hole 70bbbls water	
17:06	354	0	5.2	16	WATER	rate pressure	
17:08	365	0	5.2	27	WATER	rate pressure	
17:10	345	0	5.2	38	WATER	rate pressure	
17:12	354	0	5.2	49	WATER	rate pressure	
17:14	356	0	5.2	60	WATER	rate pressure	
17:16	0	0	0	70	WATER	end water.	
17:20					CEMENT	batch cement to 15.8ppg	
17:28	123	0	1.2	1	CEMENT	pump 4.7bbbls cement downhole/ weigh on scales	
17:30	60	0	2.5	4.7	CEMENT	end cement start displacement 9bbbls	
17:34	0			9	WATER	end displacement balance plug	
17:36						pull 5 joints then reverse out 25bbls	
17:57	280	0	3.5	5	WATER	reverse out 25bbls	
18:02	0			25	WATER	end reverse out 3bbls grey water back wait on rig to rig down for last plug	
19:13	130	0	1.5	2	WATER	pump water to clear tubing	
19:16					CEMENT	batch cement to 15.8ppg	
19:19	131	0	1.5	5	CEMENT	cement to surface pumped 5bbls @ 15.8ppg	
19:25						wash up lines to pit	
19:40						tailgate meeting	

CEMENT JOB REPORT



PRESSURE/RATE DETAIL					EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2000 PSI
19:18						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
						rig down pump and lines.	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		105	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	





BJ Services Company



CUSTOMER (COMPANY NAME) PATARA OIL & GAS LLC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20007222 - 00237887		INVOICE NUMBER		
MAIL INVOICE TO :		STREET OR BOX NUMBER 333 CLAY ST, STE 3960				CITY Houston		STATE Texas		ZIP CODE 77002		
DATE WORK COMPLETED		MO.	DAY	YEAR	BJ REPRESENTATIVE DELBERT S GALLEGOS		WELL API NO: 43037318410000		WELL TYPE : Old Well			
BJ SERVICES DISTRICT BJS, GRAND JUNCTION					JOB DEPTH (ft) 1,800		WELL CLASS : Gas					
WELL NAME AND NUMBER MCKENNA #14-14					TD WELL DEPTH (ft) 1,800		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 14-29S-24E			COUNTY/PARISH San Juan		STATE Utah		JOB TYPE CODE : Plug & Abandon			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT		
100021	Class G Cement				sacks	45	43.300	1,948.50	50%	974.25		
424509	FP-13L				gals	1	178.500	178.50	50%	89.25		
499680	Static Free				lbs	2	38.700	77.40	50%	38.70		
SUB-TOTAL FOR Product Material								2,204.40	50%	1,102.20		
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Service Charge				cu ft	45	4.170	187.65	50%	93.83		
R798	Automatic Density System				job	1	1,530.000	1,530.00	50%	765.00		
SUB-TOTAL FOR Service Charges								1,879.15	45.70%	1,020.33		
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	2,650.000	2,650.00	50%	1,325.00		
F088	Cement Pumping, Additional hrs				hrs	1	750.000	750.00	50%	375.00		
J225	Data Acquisition, Cement, Standard				job	1	1,635.000	1,635.00	50%	817.50		
J390	Mileage, Heavy Vehicle				miles	290	9.100	2,639.00	50%	1,319.50		
J391	Mileage, Auto, Pick-Up or Treating Van				miles	290	5.150	1,493.50	50%	746.75		
SUB-TOTAL FOR Equipment								9,167.50	50%	4,583.75		
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
		09	26	2011	14:30							
CUSTOMER REP. Steve Record					CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT							
					<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/> BJ SERVICES APPROVED							

BJ Services Company



CUSTOMER (COMPANY NAME) PATARA OIL & GAS LLC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20007222 - 00237887		INVOICE NUMBER		
MAIL INVOICE TO :		STREET OR BOX NUMBER 333 CLAY ST, STE 3960				CITY Houston		STATE Texas		ZIP CODE 77002		
DATE WORK COMPLETED	MO. 09	DAY 26	YEAR 2011	BJ REPRESENTATIVE DELBERT S GALLEGOS		WELL API NO: 43037318410000		WELL TYPE : Old Well				
BJ SERVICES DISTRICT BJS, GRAND JUNCTION				JOB DEPTH (ft) 1,800		WELL CLASS : Gas						
WELL NAME AND NUMBER MCKENNA #14-14				TD WELL DEPTH(ft) 1,800		GAS USED ON JOB : No Gas						
WELL LOCATION :		LEGAL DESCRIPTION 14-29S-24E			COUNTY/PARISH San Juan		STATE Utah		JOB TYPE CODE : Plug & Abandon			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT		
J401	Bulk Delivery, Dry Products				ton-mi	307	3.030	930.21	50%	465.11		
	SUB-TOTAL FOR Freight/Delivery Charges							930.21	50.00%	465.11		
	FIELD ESTIMATE							14,181.26	49.43%	7,171.39		
ARRIVE LOCATION :	MO. 09	DAY 26	YEAR 2011	TIME 14:30	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
CUSTOMER REP. Steve Record									CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT							

BJ Services
CONDITIONS OF CONTRACT
Effective 08/19/96

CUSTOMER AND BJ SERVICES AGREE THAT THE SERVICES DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT ARE TO BE PERFORMED SUBJECT TO AND IN CONSIDERATION OF THE FOLLOWING TERMS AND CONDITIONS:

1. **CUSTOMER.** For the purpose of this contract, the term Customer shall include agents, subsidiaries, joint venturers and partners of customers.
2. **WELL CONDITION.** Customer warrants that the well described on the face of this service order and field receipt is in proper condition to receive the products, supplies, materials, and services described herein.
3. **INDEPENDENT CONTRACTOR.** BJ Services is and shall be an independent contractor with respect to the performance of this contract and neither BJ Services nor anyone employed by BJ Services shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.
4. **PRICE.** Customer agrees to pay BJ Services for the products, supplies, materials, and services described herein in accordance with BJ Services' current price list. In the event that BJ Services has agreed to charge Customer other than as set forth in such price list, the charges agreed upon by Customer and BJ Services shall be those set forth on the face of this service order and field receipt and the agreement of Customer thereto shall be conclusively established by its execution of the receipt set forth on the face of this service order and field receipt.
5. **TERMS.** Cash in advance unless BJ Services has approved credit prior to the sale. Credit terms for approved accounts are total invoice amount due on or before the 30th day from the date of the invoice at the address set forth therein. Past due accounts shall pay interest on the balance due at the rate of 1 1/2% per month or the maximum allowable under applicable state law if such law limits interest to a lesser amount. In the event it is necessary to employ a third party to effect collection of said account, Customer agrees to pay all fees of such third party directly or indirectly incurred for such collection.
6. **TAXES.** Customer agrees to pay all taxes based on or measured by the charges set forth on the face of this service order and field receipt.
7. **AMENDMENTS AND MODIFICATIONS.** No field employee of BJ Services shall be empowered to alter the terms and conditions of this contract and BJ Services shall not be bound by any changes or modifications in this contract unless made in writing by a duly authorized executive officer of BJ Services. By requesting the goods and services set forth herein, Customer agrees to all the terms and conditions contained on both sides of this service order and field receipt, which constitutes the entire agreement between the parties, unless Customer and BJ Services have entered into a master service agreement or master work contract applicable to the services performed and products, supplies and materials furnished by BJ Services hereunder, in which event any term or provision of this service order and field receipt in conflict with the provisions thereof shall be deemed invalid to such extent. Subject only to the preceding sentence BJ Services hereby objects to any term of any purchase order, delivery ticket or receipt or other document that varies from or conflicts with the terms of this contract.
8. **SEVERABILITY.** It is understood and agreed by Customer and BJ Services that any term or provision of this contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be modified to the extent necessary to conform to such rule of law. Any term or provision of this contract not deemed invalid and modified pursuant to the preceding sentence shall remain in full force and effect without regard to such invalidity and modification.
9. **LIMITED WARRANTY.** BJ SERVICES WARRANTS ONLY TITLE TO PRODUCTS, SUPPLIES AND MATERIALS FURNISHED PURSUANT TO THIS CONTRACT AND THAT THE SAME WILL CONFORM TO THE DESCRIPTION SPECIFIED HEREIN AND ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BJ SERVICES' LIABILITY AND CUSTOMER'S EXCLUSIVE REMEDY IN ANY CAUSE OF ACTION (WHETHER IN CONTRACT, TORT, BREACH OR WARRANTY OR OTHERWISE) ARISING OUT OF THE SALE OR USE OF ANY PRODUCTS, SUPPLIES OR MATERIALS IS EXPRESSLY LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, SUPPLIES OR MATERIALS OR, AT BJ SERVICES' OPTION, TO THE ALLOWANCE TO THE CUSTOMER OF CREDIT FOR THE COST OF SUCH ITEMS. BJ SERVICES MAKES NO WARRANTIES FOR ANY EQUIPMENT, MATERIALS OR PRODUCTS MANUFACTURED BY THIRD PARTIES, BUT WILL PASS ON TO CUSTOMER ALL WARRANTIES OF THE MANUFACTURERS OF SUCH EQUIPMENT, MATERIALS OR PRODUCTS. BJ SERVICES IS UNABLE TO, AND DOES NOT, GUARANTEE THE ACCURACY OF ANY JOB RECOMMENDATION, RESEARCH ANALYSIS, DATA INTERPRETATION, OR OTHER INFORMATION FURNISHED TO CUSTOMER BY BJ SERVICES IN VIEW OF THE UNCERTAINTY OF WELL CONDITIONS AND THE RELIANCE BY BJ SERVICES AND CUSTOMER UPON INFORMATION AND SERVICES FURNISHED BY THIRD PARTIES. THEREFORE, NO WARRANTY EXPRESS OR IMPLIED IS GIVEN CONCERNING THE EFFECTIVENESS OF THE PRODUCTS, SUPPLIES OR MATERIALS USED, RECOMMENDATIONS GIVEN, OR SERVICES PERFORMED BY BJ SERVICES. CUSTOMER AGREES THAT BJ SERVICES SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF DATA FURNISHED BY BJ SERVICES. CUSTOMER ACCEPTS FULL RESPONSIBILITY FOR RETURNING THE WELL DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT TO PRODUCTION. BJ SERVICES DOES NOT GUARANTEE THE EFFECTIVENESS OF THE PRODUCTS, SUPPLIES OR MATERIALS FURNISHED PURSUANT TO THIS CONTRACT NOR THE RESULTS OF ANY TREATMENT OR SERVICE IT PERFORMS HEREUNDER.
10. **FORCE MAJEURE.** Any delays or failure by BJ Services in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike or other labor trouble, accident, riot, acts of God, or any other cause beyond the reasonable control of BJ Services.
11. **CHEMICAL DISPOSAL.** Customer agrees that all chemicals used in performance of this contract which are not removed from the location of the well by BJ Services shall be disposed of by Customer in accordance with all applicable federal, state and local laws and regulations.

12. LIABILITY AND INDEMNITY OBLIGATIONS.

(A) BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE CUSTOMER, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES ("CUSTOMER GROUP") FROM AND AGAINST ALL CLAIMS, DEMANDS, LOSSES, LIABILITIES, PENALTIES, COSTS, EXPENSES (INCLUDING REASONABLE ATTORNEYS' FEES) AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (COLLECTIVELY, "CLAIMS") ARISING IN FAVOR OF (I) BJ SERVICES' EMPLOYEES OR THE EMPLOYEES OF BJ SERVICES' SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY OR (II) BJ SERVICES ON ACCOUNT OF DAMAGE TO BJ SERVICES' PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF CUSTOMER GROUP.

(B) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, AND HOLD HARMLESS AND RELEASE BJ SERVICES, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES ("BJ SERVICES GROUP") FROM AND AGAINST ALL CLAIMS ARISING IN FAVOR OF (I) CUSTOMER'S EMPLOYEES OR THE EMPLOYEES OF CUSTOMER'S OTHER CONTRACTORS OR THEIR SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY, OR (II) CUSTOMER ON ACCOUNT OF LOSS OR DAMAGE TO CUSTOMER'S PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(C) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE CLEANUP OR REMOVAL THEREOF ARISING OUT OF OR CONNECTED WITH THE PERFORMANCE BY BJ SERVICES OF SERVICES FOR THE CUSTOMER (AND NOT ASSUMED BY BJ SERVICES IN THE FOLLOWING SENTENCE) INCLUDING BUT NOT LIMITED TO CLAIMS THAT MAY RESULT FROM WELL FIRE, BLOWOUT, CRATERING, SEEPAGE OR ANY OTHER UNCONTROLLABLE FLOW OF OIL, GAS, WATER OR OTHER SUBSTANCES, INCLUDING CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP. BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE REMOVAL THEREOF, ORIGINATING ABOVE THE SURFACE OF THE EARTH FROM SPILLS, LEAKS OR DISCHARGES OF FUELS, LUBRICANTS, MOTOR OILS, PIPE DOPE, PAINT, SOLVENTS, SLUDGE OR GARBAGE IN THE POSSESSION AND CONTROL OF BJ SERVICES AND ASSOCIATED WITH CONTRACTORS' EQUIPMENT AND FACILITIES, EXCEPTING ANY POLLUTION IN RESERVE PITS FROM FLOWBACK INCIDENT TO B.J. SERVICES' OPERATIONS.

(D) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY AND ALL CLAIMS ARISING IN FAVOR OF CUSTOMER OR ANY THIRD PARTY INCLUDING, BUT NOT LIMITED TO, ANY GOVERNMENTAL ENTITY OR PARTY FOR WHOM CUSTOMER IS ACTING (INCLUDING CUSTOMER'S CO-WORKING INTEREST OWNERS) FOR ALL DAMAGES OR LOSSES RESULTING FROM PRODUCTS, SERVICES OR EQUIPMENT PROVIDED BY BJ SERVICES ON ACCOUNT OF (I) LOSS OF THE HOLE, (II) DAMAGE OR INJURY TO ANY DOWNHOLE PROPERTY OR ANY PROPERTY RIGHT IN OR TO OIL, GAS OR OTHER SUBSTANCES OR WATER (III) LOSS OR DAMAGE TO, OR CONTAMINATION OF, ANY FORMATIONS, STRATA OR RESERVOIRS BENEATH THE EARTH'S SURFACE, (IV) SUBSURFACE TRESPASS OR (V) ANY OTHER SIMILAR LOSSES OR DAMAGES, AND WITHOUT REGARD TO THE NEGLIGENCE OF ANY PARTY OR PARTIES, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(E) CUSTOMER WILL ASSUME LIABILITY FOR BJ SERVICES' EQUIPMENT WHICH MAY BE LOST OR DAMAGED IN THE HOLE, REGARDLESS OF ANY NEGLIGENCE OF ANY PARTY, AND WILL AT ITS OWN EXPENSE AND RISK ATTEMPT TO RECOVER SUCH EQUIPMENT. THE VALUE OF ANY UNRECOVERABLE, LOST OR DAMAGED EQUIPMENT SHALL BE REIMBURSED BY CUSTOMER AT THE FAIR MARKET VALUE ON THE DATE OF LOSS OF SUCH EQUIPMENT, BUT IN NO EVENT AT A VALUE LESS THAN 50% OF THE THEN CURRENT REPLACEMENT COST.

(F) BJ SERVICES AND CUSTOMER AGREE TO SUPPORT THEIR INDEMNITY OBLIGATIONS HEREIN BY FURNISHING LIABILITY INSURANCE COVERAGE OR QUALIFIED SELF INSURANCE IN AN AMOUNT OF NO LESS THAN \$2,000,000. HOWEVER BJ SERVICES AND CUSTOMER AGREE AND INTEND THAT, TO THE FULLEST EXTENT ALLOWED FROM TIME TO TIME BY APPLICABLE LAW, THEIR RESPECTIVE INDEMNITIES UNDER THESE TERMS AND CONDITIONS ARE TO APPLY WITHOUT LIMIT, AND ARE NOT TO BE LIMITED TO THE AMOUNT OF INSURANCE EITHER OF THEM MAY FROM TIME TO TIME MAINTAIN OR AGREE TO MAINTAIN. IF IT SHOULD BE DETERMINED THAT THE INDEMNITY OBLIGATIONS ASSUMED HEREUNDER THAT ARE TO BE SUPPORTED EITHER BY INSURANCE OR SELF INSURANCE EXCEEDS THAT WHICH IS PERMITTED UNDER APPLICABLE LAW, THEN SUCH INDEMNITIES SHALL AUTOMATICALLY BE AMENDED TO CONFORM TO THE MONETARY LIMITS PERMITTED UNDER SUCH LAW.

13. **CONFIDENTIAL INFORMATION.** Customer and BJ Services will use their best efforts to maintain the confidentiality of all records and proprietary information obtained by either party in the performance of any services by BJ Services. Such information will not be disclosed by either party to its employees unless it is necessary in order to perform or evaluate such services, or to any third parties without the prior consent of the other party.

14. **WAIVER.** (A) Neither BJ Services nor Customer will be liable to the other for special, incidental, indirect or consequential damages resulting from or arising out of the products or equipment provided or the services performed by BJ Services hereunder, including but not limited to, loss of profit or revenue or business interruption losses, whether or not arising under an alleged breach of warranty or caused by the sole, joint and/or comparative negligence, strict liability or other fault of either party.

(B) Customer represents that it is a business consumer purchasing products and services from BJ Services for commercial use, that it has experience in business matters that enable it to evaluate the merits and risks of the purchase of such products and services, and that it is not in a significantly disparate bargaining position. Customer waives the provisions of the Texas Deceptive Trade Practices Act (other than section 17), as from time to time amended.

15. **GOVERNING LAW.** This contract shall be governed by the law of the State of Texas.



GARY R. HERBERT
Governor

GREGORY S. BELL
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

June 21, 2016

Certified Mail #70150640000352760136

Paul Redd
P.O. Box 326
Paradox, CO 81429

SUBJECT: Reclamation for the McKenna 14-14 well, API# 43-037-31841, in San Juan County, Utah:

Mr. Redd:

I'm writing you in regards to reclamation status of the McKenna 14-14 well located in San Juan County Utah 1.8 miles south of the town of LaSal in Sec 14, T. 29 S, R. 24 E. Our records show you are the surface owner for this well site. An on-site surface evaluation was conducted 01/10/2006 and was attended by Charles Redd representing surface interests. Well was plugged and abandon on 09/26/2012. I would like to discuss the surface reclamation status of this site with you, if you could please contact me (435) 820-0862 we can further discuss reclamation status.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File



7015 0640 0003 5276 0136

**U.S. Postal Service™
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Certified Mail Fee	\$
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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

6/22/2016

Postmark
Here

Postage	\$
Total Postage and	

\$	PAUL REDD
Sent To	P O BOX 326
Street and Apt. No.	PARADOX CO 81429
City, State, ZIP+4®	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PAUL REDD
P O BOX 326
PARADOX CO 81429



9590 9402 1201 5246 2585 45

2. Article Number (Transfer from service label)

7015 0640 0003 5276 0136

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Paul Redd Agent
 Addressee

B. Received by (Printed Name) *Diane Redd* C. Date of Delivery *6-29-16*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

RECEIVED
JUN 29 2016

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Insured Mail	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt



GARY R. HERBERT
Governor

GREGORY S. BELL
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

August 1, 2016

Certified Mail 7015 0640 0003 5276 0259

Paul Redd
P.O. Box 326
Paradox, CO 81429

SUBJECT: Bond release for the McKenna 14-14 well, API# 43-037-31841, in San Juan County, Utah:

Mr. Redd:

I'm writing you a second letter in regards to reclamation status of the McKenna 14-14 well located in San Juan County Utah 1.8 miles south of the town of LaSal in Sec 14, T. 29 S, R. 24 E. Our records show you are the surface owner for this well site. A request for release of bond held by the Division has been received and will be completed by August 30, 2016. Please contact me at (435) 820-0862 to further discuss.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File



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Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

8/9/2016

Postmark
Here

McKenna 14-14
43-037-31841

Postage \$

Total Post \$

Sent To **PAUL REDD**
 Street and P O BOX 326
 City, State PARADOX CO 81429

PS Form 3800, April 2015 PSN 7530-02-000-9037 See Reverse for Instructions

7015 0640 0003 5276 0259

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**PAUL REDD
P O BOX 326
PARADOX CO 81429**



9590 9402 1201 5246 2593 82

2. Article Number (Transfer from service label)
7015 0640 0003 5276 0259

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) **PAUL D REDD**

C. Date of Delivery **24 AUG 2016**

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

RECEIVED
AUG 29 2016

3. Service Type **DIV. OF OIL, GAS & MINING**

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Registered Mail™
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail Restricted Delivery
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery	
<input type="checkbox"/> Insured Mail	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt