

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 checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: El Paso E&P Company, L.P. c/o H&B Petroleum Consultants		9. WELL NAME and NUMBER: Kofford 2-36B5	
3. ADDRESS OF OPERATOR: 291 Daffodil CITY Casper STATE Wy ZIP 82604		PHONE NUMBER: (307) 237-9310	10. FIELD AND POOL, OR WILDCAT: Altomont/BlueBell 55
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1897' FSL & 991' FWL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 T2S R5W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8.9 Miles north of Duchesne, Urah		12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 991	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 3600	19. PROPOSED DEPTH: 12,000	20. BOND DESCRIPTION: 400JU0708	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,861' ungraded ground	22. APPROXIMATE DATE WORK WILL START: Upon Approval	23. ESTIMATED DURATION: 56 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		
17 1/2	13 3/8	J-55	600	Class G 400 sx	1.15cuft/sx	15.6 lb/gal
12 1/4	9 5/8"	N-80 40 lb	5,300	Lead: Prem Lite 590 sx	3.2cu/ft/sx	11 lb/gal
				Tail: Class G 160 sx	1.25 cuft/sx	14.4 lb/gal
8 3/4	7"	HCP 110 29 lb	9,600	Class G 460 sx	1.65 cuft/sx	12.49 lb/gal
				Tail: Class G 60 sx	1.62cuft/sx	14.1 lb.gal
6 1/8	4 1/2"	HCP 110 13.5 lb	9400 - 12,000	Class G 150 sx	1.86 cuft/sx	14.5 lb/gal

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

NAME (PLEASE PRINT) Larry D. Brown TITLE Agent for El Paso E&P Company, L.P.

SIGNATURE Larry D. Brown **Approved by the 5-28-08**

(This space for State use only)

Utah Division of
Oil, Gas and Mining

RECEIVED

API NUMBER ASSIGNED: 43-013-33988

Date: 07-07-08

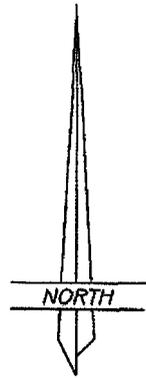
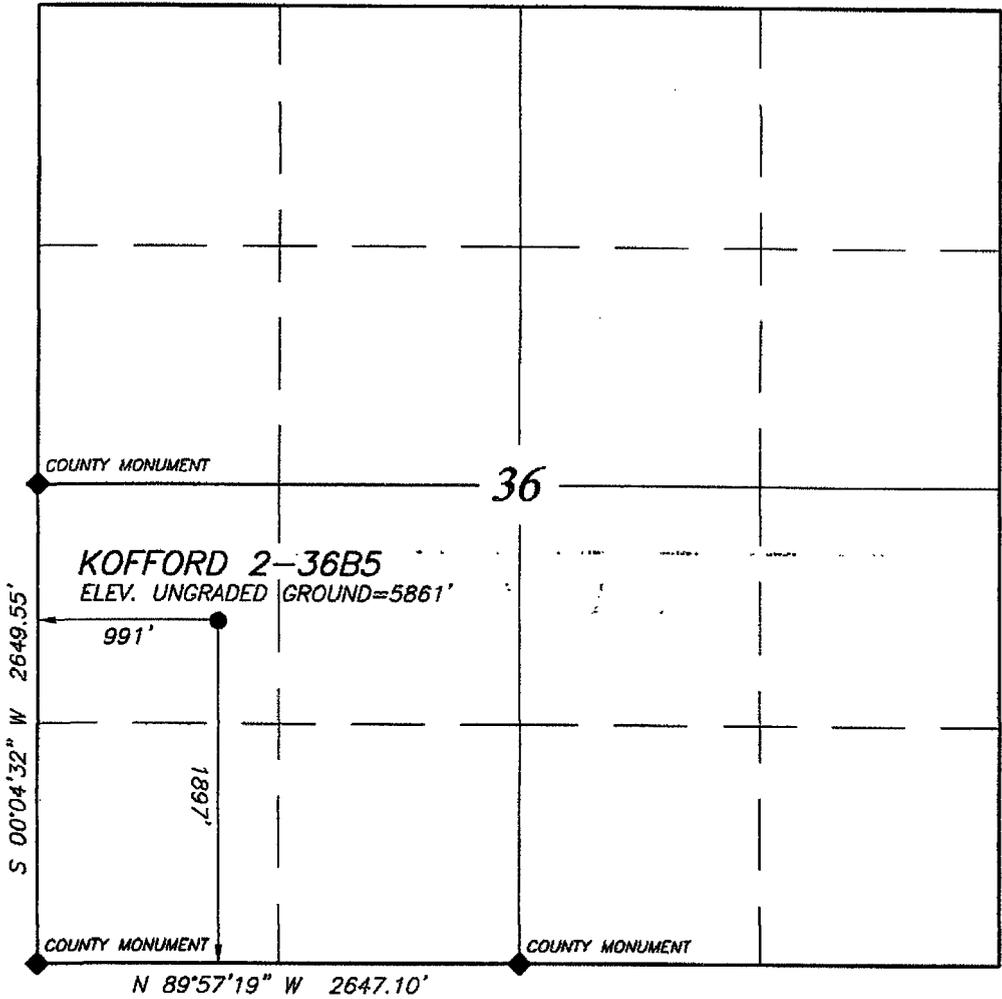
MAY 30 2008

By: [Signature] DIV. OF OIL, GAS & MINING

EL PASO E & P COMPANY, L.P.

WELL LOCATION
KOFFORD 2-36B5

LOCATED IN THE NW¼ OF THE SW¼ OF SECTION 36, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'
0 1000

BASE STATION
LAT: 40°15'14.22764"
LONG: 110°24'16.23238"
▲

LEGEND AND NOTES

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
BASIS OF BEARINGS: G.P.S. OBSERVATION WITH BASE STATION AS INDICATED
BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE POST PROCESSED GPS ELEVATION AT THE BASE STATION OF 5884.67

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.
Jerry D. Allred
JERRY D. ALLRED
JERRY D. ALLRED, REGISTERED LAND SURVEYOR
CERTIFICATE NO. 14896 (07/02) OF UTAH

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

**Kofford 2-36B5
NWSW Sec. 36, T2S, R5W
DUCHESNE COUNTY, UT
FEE**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Green River	5,391'
Mahogany Bench	6,314'
L. Green River	7,741'
Wasatch	9,482'
TD	12,000'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	5,391'
	Mahogany Bench	6,314'
Oil	L. Green River	7,741'
Oil	Wasatch	9,482'

3. **Pressure Control Equipment:** (Schematic Attached)

A 5.0" by 20.0" rotating head on structural pipe from surface to 600'. A 5.0" by 13 3/8" Smith Rotating Head from 600' to 5,300' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,300' to 9,600". An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,600' to 12,000'.

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFIC FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0" 5M BOP, 5M Annular. This equipment will be nipped up on the surface casing and tested to 250 psi low test/5M psi high test prior to drilling out. The surface casing will be tested to 1500 psi.

Intermediate casing will be tested to the greater of 1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventor will be tested to 250 psi low lest and 2500 psi high

test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 1/2" rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventor will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Frontier #11 will be used at the proposed location. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance for 5M and 10M psi systems.

Auxiliary Equipment:

- A) Mud logger with gas monitor – 5,300' to TD
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shake, desander, desilter and mud cleaner.

4. Proposed Casing & Cementing Program:

Hole Size	Size	Grade	Thread	Weight	Setting Depth
17 1/2"	13 3/8"	J-55	LTC	54.5 lb/ft	600
12 1/4"	9 5/8"	N-80	LTC	40 lb/ft	5,300
8 3/4"	7"	HCP 110	LTC	29 lb/ft	9,600
6 1/8"	4 1/2"	HCP110	LTC	13.5 lb/ft	7,400-12,000

Conductor: 400 sacks Class G. 15.6 lb/gal, yield 1.15 cuft/sx, w 3% CaCl₂

Surface Cement: : Lead 590 sacks Premium Lite II 11 lb/gal, yield 3.2 cuft/sx, Plus 2%CaCl₂ 0.3%FL52 0.5% Sodium Metasilicate

Tail: 160 sacks Class G 14.4 lb/gal, yield 1.25 cuft/sx, 50:50 poz 2% CaCl₂ 2% gel 0.3% Sodium Metasilicate

Production Cement: Lead 460 sacks CemCRETE Blend 12.49 lb/gal, yield 1.65 cuft/sx, 55.9/44.1 (D961/D124) +0.2%bwob D65 +0.2%bwob D46 +0.4% bwob D13 + 0.2% bwib D167

Tail: 60 sacks 10.0 RFC (Class G) 14.1 lb/gal, yield 1.62

Liner: 150 sacks Well Bond Slurry 14.5 lb/gal, yield 1.86, Class G + 35% D66 + 1.6 gps D600G + 0.05 gps D80 ++ 0.3% D167 +0.2% D46 + 0.4% D600 + 1% D20

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 8.9
Intermediate	WBM	8.3 – 10.0
Production	WBM	9.0 – 14.0

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for tip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

GR, Density, Neutron, Res/ 9600 to 5200

GR to Surface

GR, Density, Neutron, Res, Sonic: TD to Intermediate Casing

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,000' TD equals approximately 8,112 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure equals approximately 5,472 (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

**Kofford 2-36B5
NWSW Sec. 36, T2S, R5W
DUCHESNE COUNTY, UT
FEE**

EL PASO E&P COMPANY, L.P.

Related Surface Information

- 1) **CURRENT SURFACE USE:** Livestock Grazing and Oil and Gas Production.
- 2) **PROPOSED SURFACE DISTURBANCE:**
 - a) The road will be crown and ditch. Water wings will be constructed on the access road as needed.
 - b) The topsoil will be windrowed and respread in the borrow area.
 - c) New road to be constructed will be approximately .2 miles in length, 25 feet wide.
 - d) All equipment and vehicles will be confined to the access road, pad and area specified in the APD.
- 3) **LOCATION OF EXISTING WELLS:**

Existing oil, gas and water wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

Water for drilling will be obtained from Dalbo Inc's underground well located in Ouray, Utah Sec 32 T4S R3E, Water Use Claim #43-8496
- 4) **EXISTING/PROPOSED FACILITIES FOR PRODUCTIVE WELL:**
 - a) There are no existing facilities that will be utilized for this well.
 - b) The pipeline will be constructed as shown on Exhibit C. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
 - c) Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
- 5) **CONSTRUCTION MATERIALS:**

Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

6) METHODS FOR HANDLING WASTE DISPOSAL:

- a) The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of $\frac{1}{2}$ the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a 9-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- b) Garbage and other trash will be contained in a portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig move off location and hauled to an authorized disposal site.
- c) Sewage will be handled in Portable Toilets.
- d) Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from location at a later date.
- e) Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's.

7) ANCILLARY FACILITIES:

There will be no ancillary facilities associated with this project.

8) SURFACE RECLAMATION PLANS:

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared

- a) Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
 - 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
 - 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
 - 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- b) Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

2. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
3. Landowner will be contacted for rehabilitation requirements.

9) SURFACE OWNERSHIP:

Surface use agreement has been reached. An Affidavit of Surface Damage Agreement is attached.

Dick Lindsay Kofford
45-134 Alina Place
Kaneohe, Hawaii 96744

Lorraine S. Kofford
PO Box 103
Kamas, Utah 84036

Peggy Ann Bauer
4480 Lake Creek Farm Rd
Heber City, Utah 84032

Lynda Zobell
1351 West 3815 South
Salt Lake City, Utah 84123

10) OTHER INFORMATION:

- a) The surface soil consists of clay, and silt.
- b) Flora - vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- c) Fauna - antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- d) Current surface uses – Livestock grazing and mineral exploration and production.

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

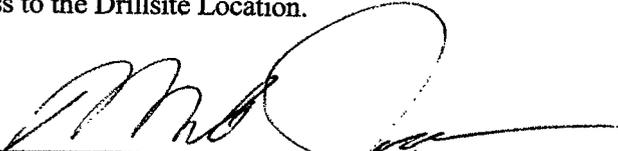
Mike James personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Mike James. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18th Street, Suite 1900, Denver, Colorado 80202 ("El Paso").

2. El Paso is the Operator of the proposed Kofford 2-36B5 well to be located in NW/4SW/4 of Section 36, Township 2 South, Range 5 West, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Dick Lindsay Kofford, Lorraine S. Kofford, Trustee of the Kofford Family Trust, Peggy Ann Bauer and Lynda Zobell (the "Surface Owners"). We have secured all four (4) of the surface owner's agreements as of May 20, 2008.

3. El Paso and the Surface Owners have agreed upon a damage settlement and release agreement covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.



Mike James

ACKNOWLEDGEMENT

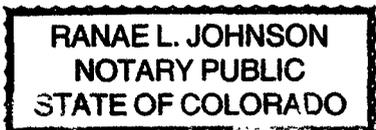
STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

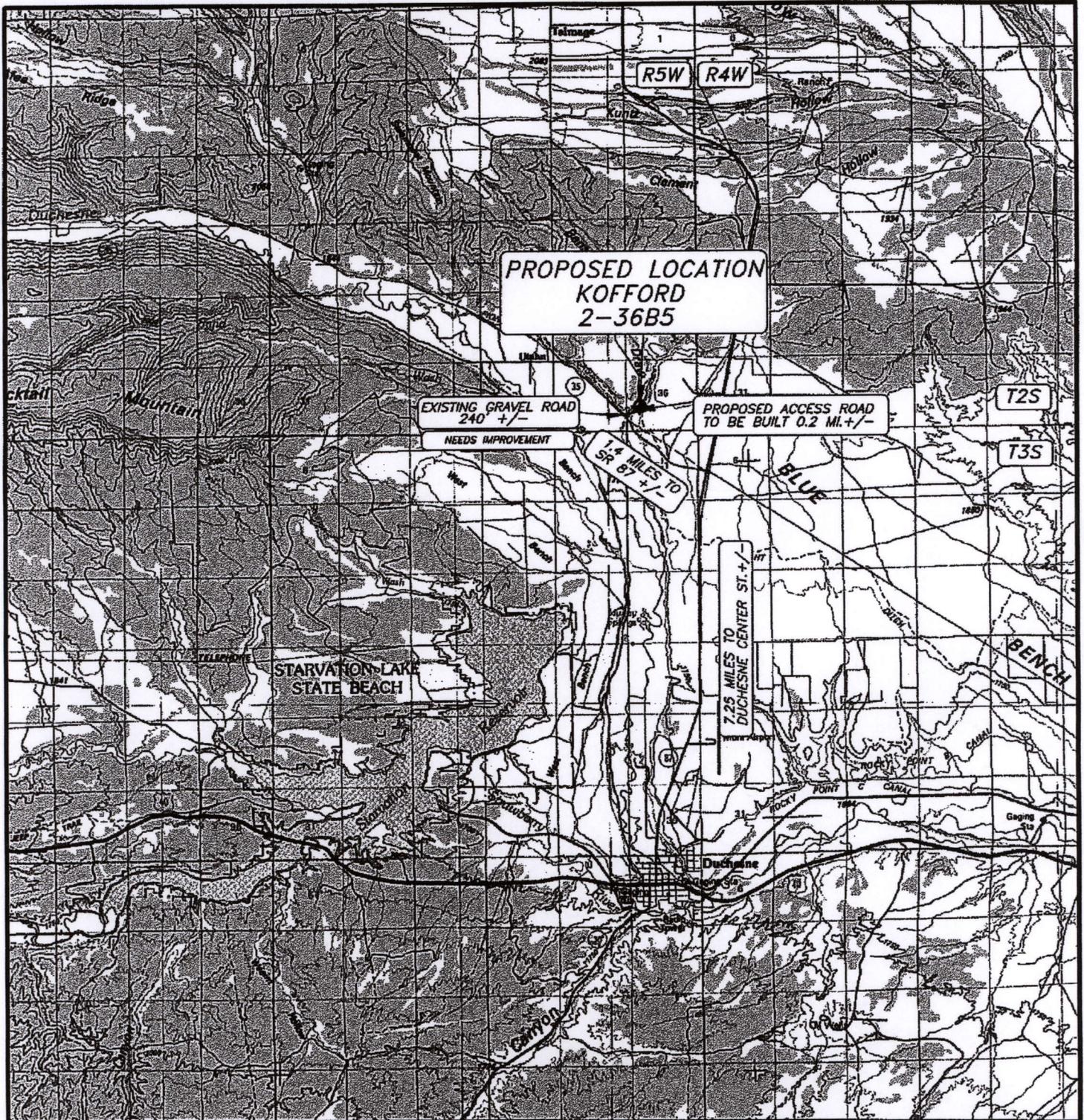
Before me, a Notary Public, in and for this state, on this 21th day of May, 2008, personally appeared Mike James, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC:

My Commission Expires:



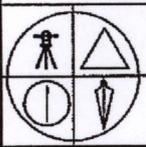


LEGEND:

 PROPOSED WELL LOCATION

EL PASO E & P COMPANY, L.P.

KOFFORD 2-36B5
 SECTION 36, T2S, R5W, U.S.B.&M.
 1897' FSL 991' FWL



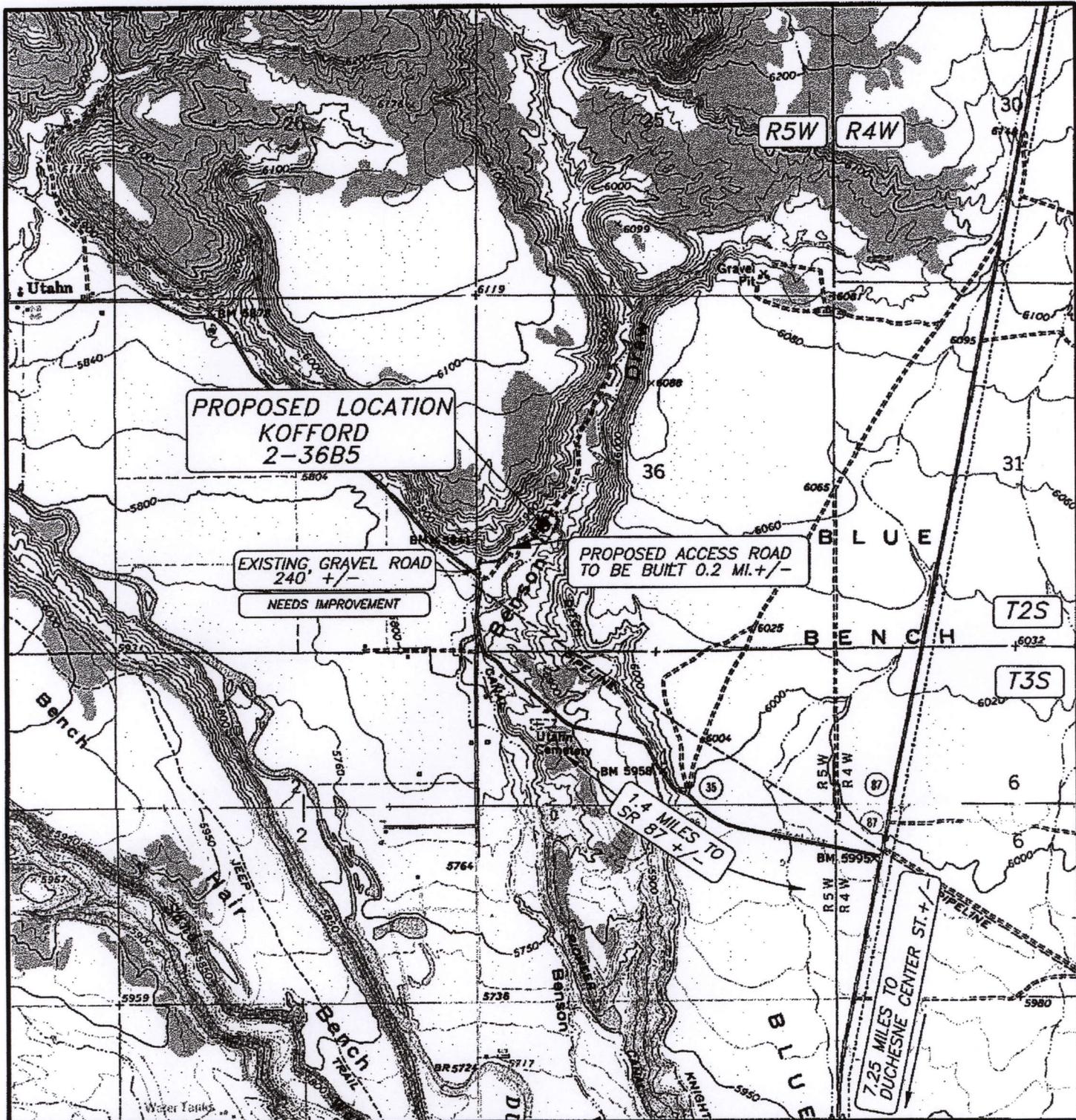
JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352



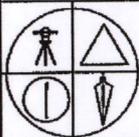
TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'
 03 DEC 2007



LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352



EL PASO E & P COMPANY, L.P.

KOFFORD 2-36B5
SECTION 36, T2S, R5W, U.S.B.&M.
1897' FSL 991' FWL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
23 NOV 2007

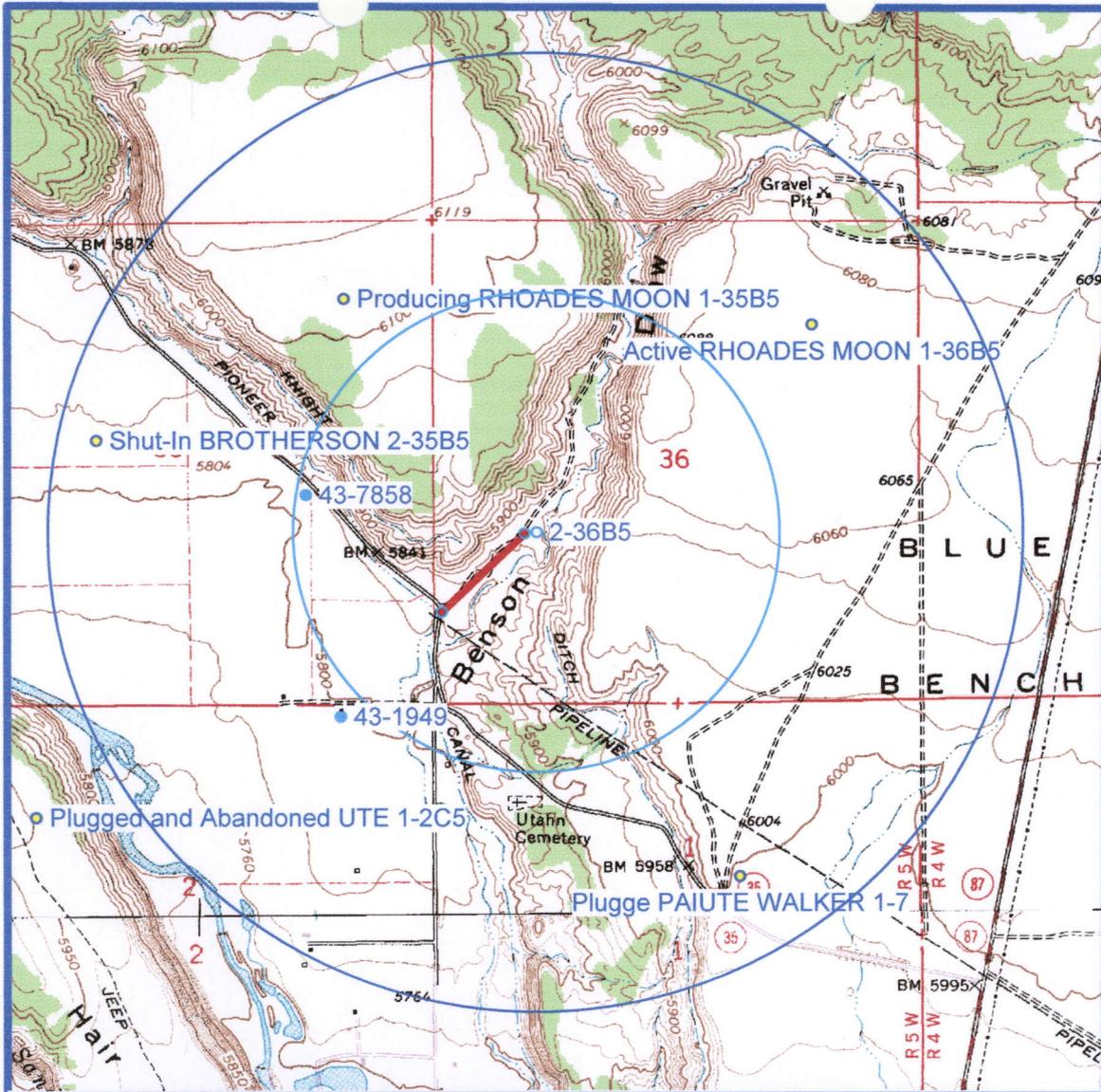
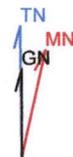


EXHIBIT C

El Paso E&P Company, L.P.
 Kofford 2-36B5
 NWSW Section 36 T2S R5W
 Duchesne County, Utah
 Scale 1 inch=2000 feet



EL PASO E & P COMPANY, L.P.

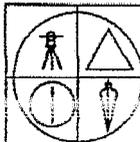
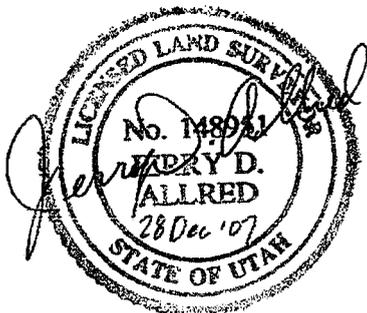
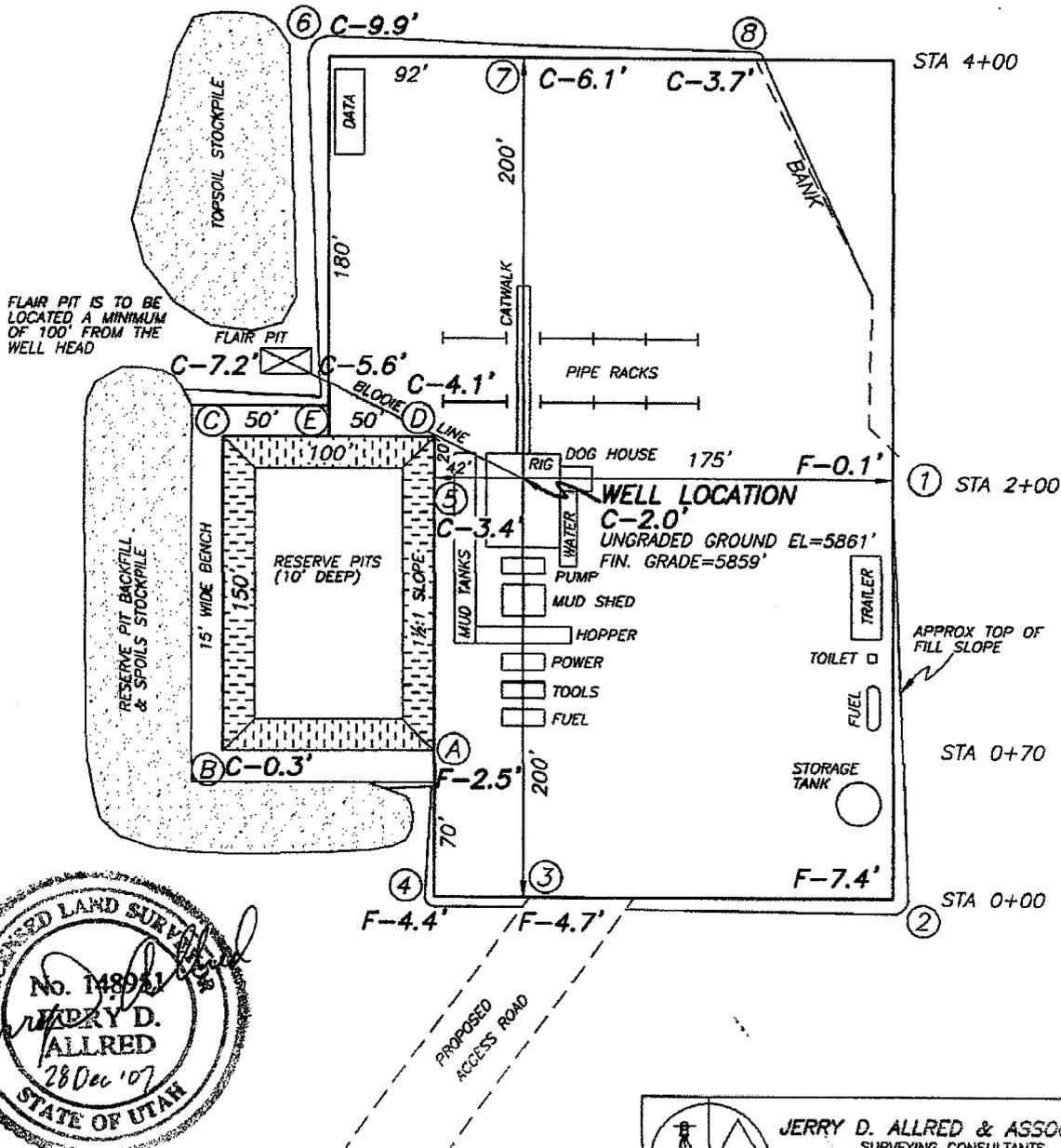
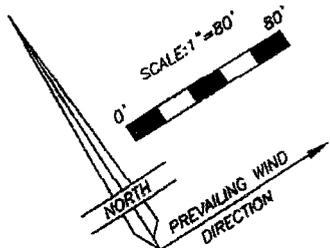
LOCATION LAYOUT FOR

KOFFORD 2-36B5

SECTION 36, T2S, R5W, U.S.B.&M.

1897' FSL, 991' FWL

FIGURE #1



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESSNE, UTAH 84021
(435) 738-5352

EL PASO E & P COMPANY, L.P.

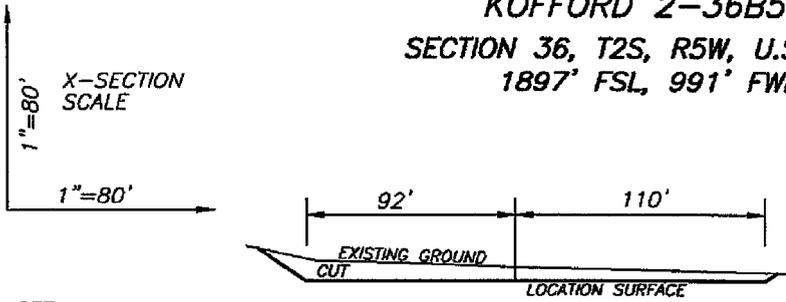
LOCATION LAYOUT FOR

KOFFORD 2-36B5

SECTION 36, T2S, R5W, U.S.B.&M.

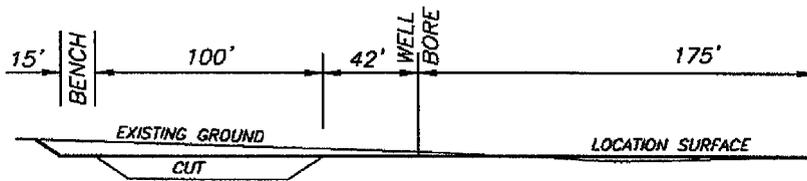
1897' FSL, 991' FWL

FIGURE #2

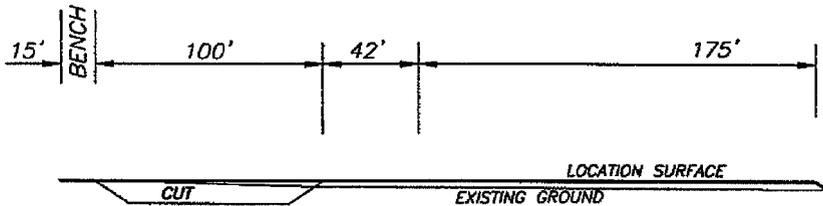


NOTE:
ALL CUT/FILL
SLOPES ARE
1½:1

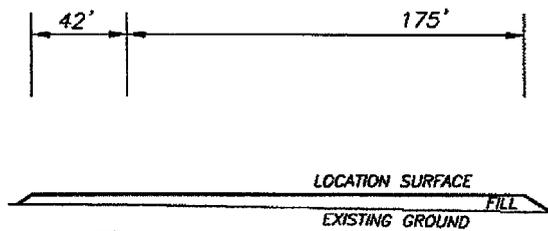
STA 4+00



STA 2+00



STA 0+70



STA 0+00

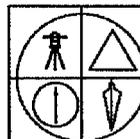
APPROXIMATE YARDAGES

TOPSOIL STRIPPING: (6") = 1255 CU. YDS.

REMAINING LOCATION CUT = 9900 CU. YDS

TOTAL CUT (INCLUDING PIT) = 14,150 CU. YDS.

TOTAL FILL = 5150 CU. YDS.

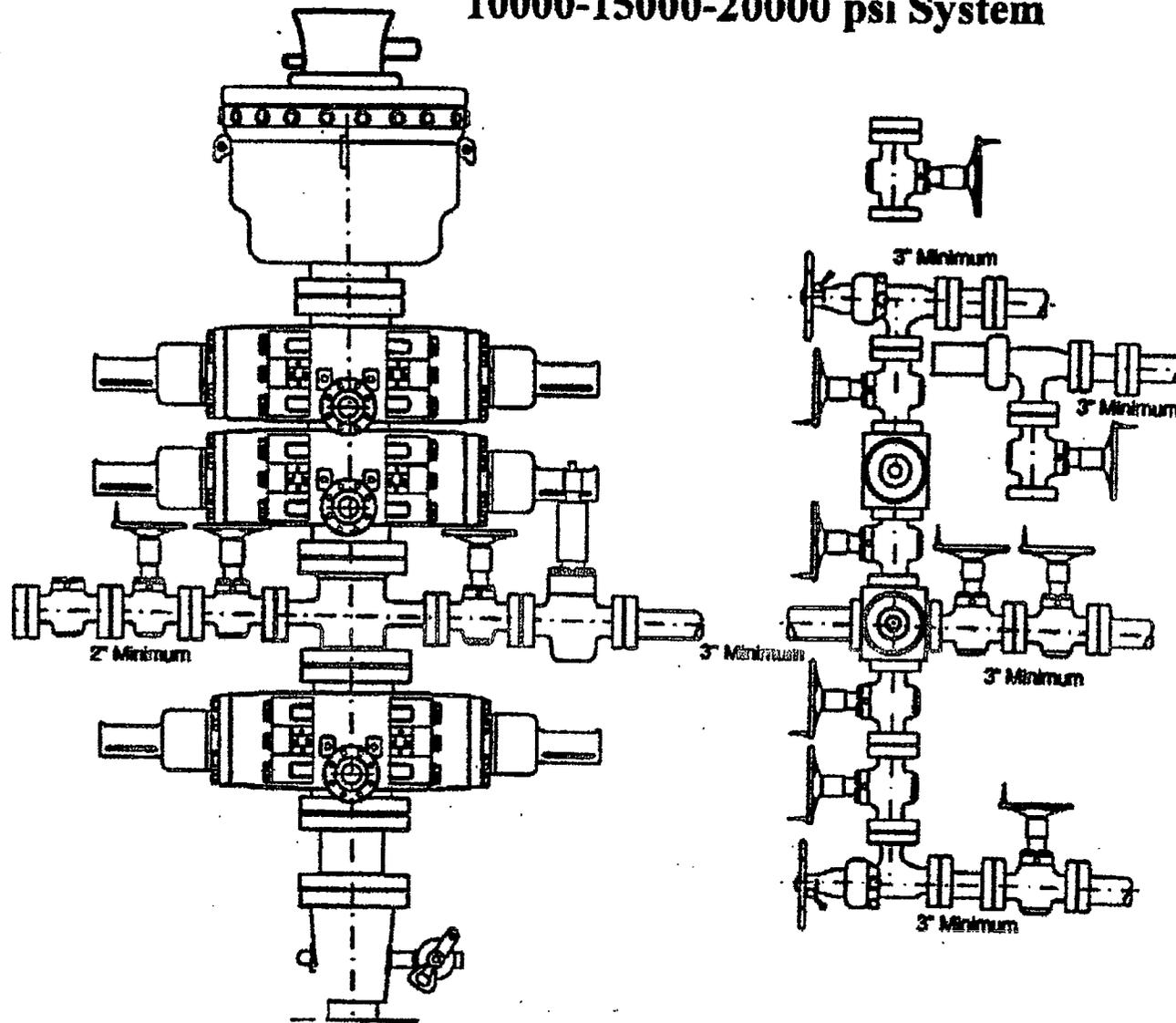


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SURVEYING CONSULTANTS

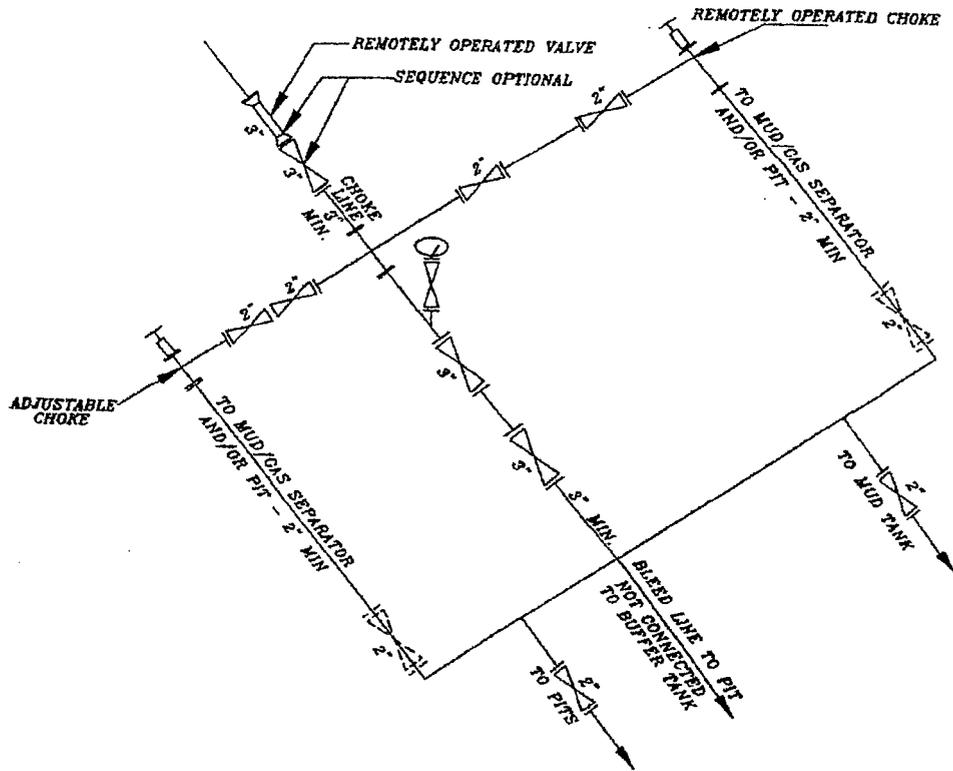
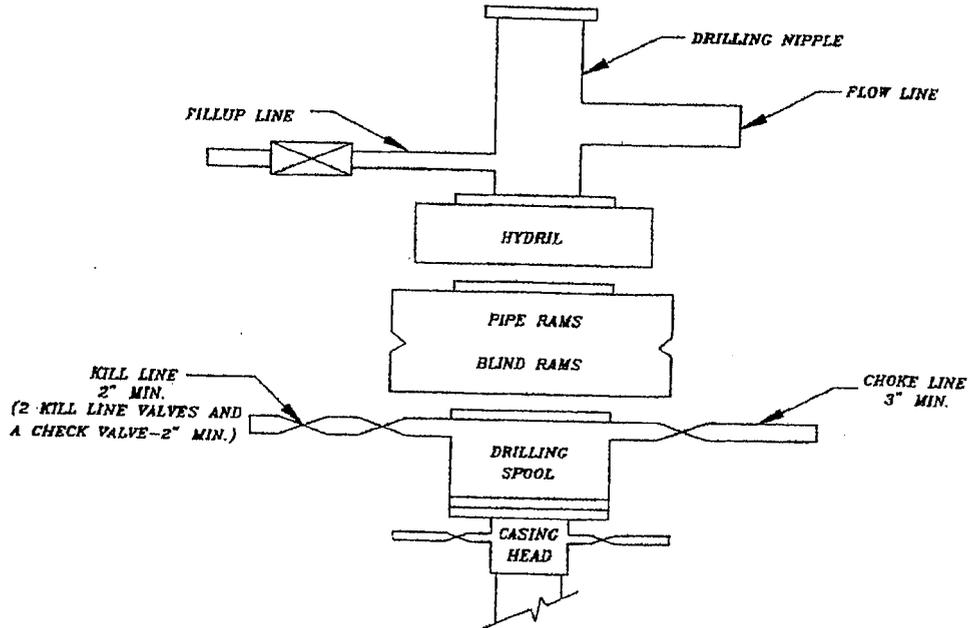
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

17 DEC 2007 01-128-027

10000-15000-20000 psi System



5M BOP STACK and CHOKE MANIFOLD SYSTEM



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/30/2008

API NO. ASSIGNED: 43-013-33988

WELL NAME: KOFFORD 2-36B5

OPERATOR: EL PASO E&P COMPANY, LP (N3065)

PHONE NUMBER: 307-237-9310

CONTACT: LARRY BROWN

PROPOSED LOCATION:

NWSW 36 020S 050W
 SURFACE: 1897 FSL 0991 FWL
 BOTTOM: 1897 FSL 0991 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.26153 LONGITUDE: -110.4034
 UTM SURF EASTINGS: 550733 NORTHINGS: 4456746
 FIELD NAME: ALTAMONT (55)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DUG	6/30/08
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

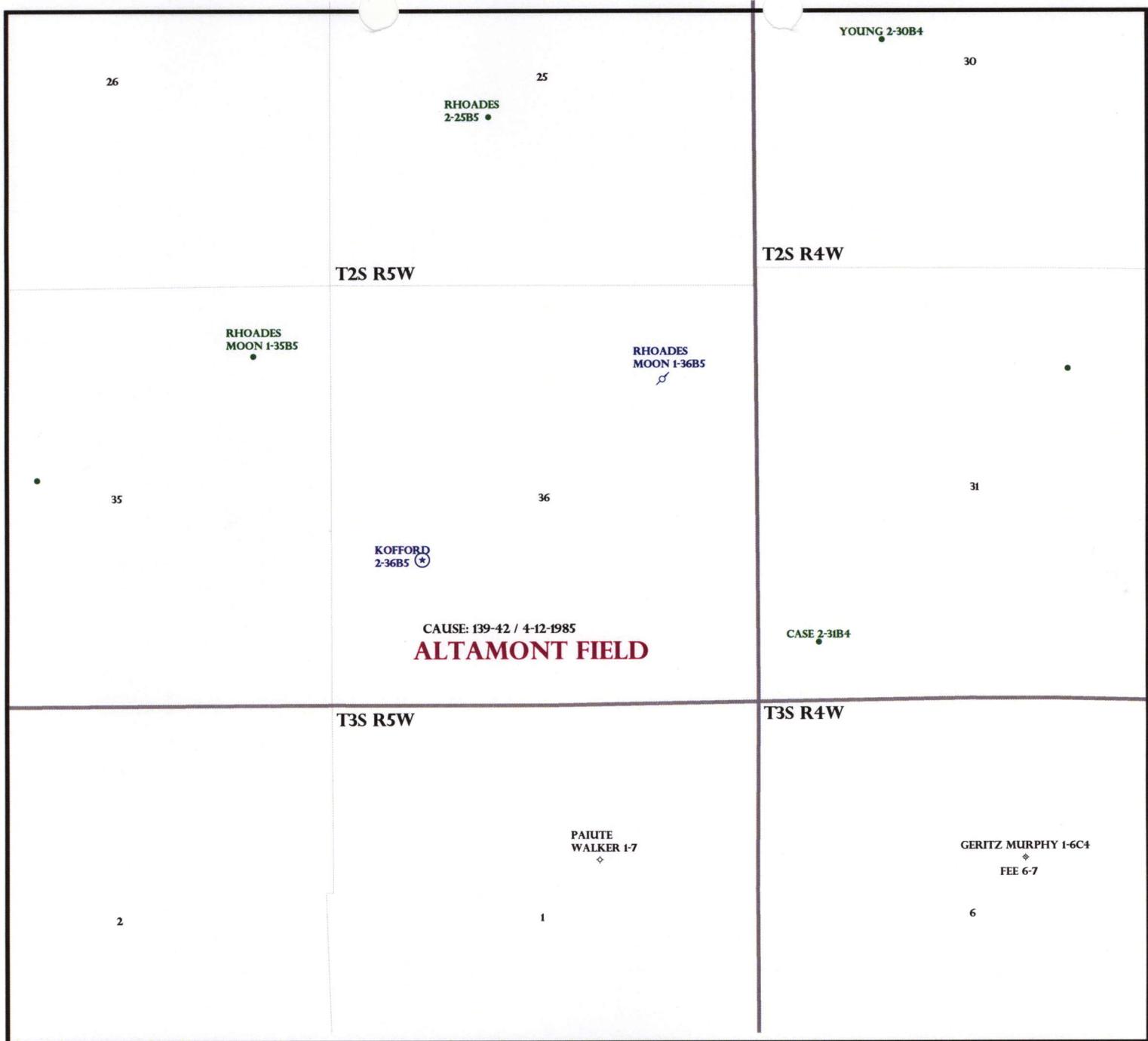
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 400110708)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: _____
- _____ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
- Board Cause No: 139-42
- Eff Date: 4-12-1985
- Siting: 1420' for ext. u. b. r. & 1320' for other wells.
- _____ R649-3-11. Directional Drill

COMMENTS: Needs Print (EG-16-08)

STIPULATIONS: 1- STATEMENT OF BASIS
2- Cement Stip #4 (13 3/8" and 9 5/8")



OPERATOR: EL PASO E&P CO (N3065)

SEC: 36 T.2S R. 5W

FIELD: ALTAMONT (55)

COUNTY: DUCHESNE

CAUSE: 139-42 / 4-12-1985

- 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

- 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



PREPARED BY: DIANA MASON
DATE: 30-MAY-2008

Application for Permit to Drill

Statement of Basis

6/18/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
779	43-013-33988-00-00		OW	P	No
Operator	EL PASO E&P COMPANY, LP	Surface Owner-APD			
Well Name	KOFFORD 2-36B5	Unit			
Field	ALTAMONT	Type of Work			
Location	NWSW 36 2S 5W U 1897 FSL 991 FWL GPS Coord (UTM) 550733E 4456746N				

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 5,300 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,900 feet. A search of Division of Water Rights records indicates that there are over 30 water wells within a 10,000 foot radius of the proposed location. These wells probably produce water from the Duchesne River Formation and only 4 wells exceed 300 feet. Most of the wells fall in the 100-300 foot range. The wells are listed as being used for irrigation, stock watering, industrial, oil exploration and domestic. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill
APD Evaluator

6/18/2008
Date / Time

Surface Statement of Basis

The proposed Kofford 2-36B5 oil well is approximately 9 miles northwest of Duchesne, Utah and immediately north of the locally known area of Utahn. Access from Duchesne is by State Highways 87 and 35. A new road approximately 0.2 miles in length will be constructed along the route of an existing low standard two-track road. This road may need imported rocky borrow for a solid base.

The location is in the mouth of Benson Draw. No surface water, seeps or springs are known to exist. At the proposed site, the bottom of the draw is moderately wide and has a gentle slope to the southwest. The proposed pad however will occupy most of the width of the draw. Along the east side of the draw is an incised wash that shows little evidence of significant flows. The pad in this area will be narrowed to avoid this wash. Small gullies intercept the north east side of the proposed pad and should be diverted to the east around the pad when it is completed. Closest dwellings are more than 1 mile away.

Both the surface and minerals are FEE. The 40-acre tract that contains the well is owned by a joint family group of 4. Linda and Duane Zobell of Salt Lake City represented the group at the pre-site visit. The proposal was explained to them and they had no concerns regarding the proposal. A surface agreement exists.

Floyd Bartlett
Onsite Evaluator

6/16/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EL PASO E&P COMPANY, LP
Well Name KOFFORD 2-36B5
API Number 43-013-33988-0 **APD No** 779 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWSW **Sec** 36 **Tw** 2S **Rng** 5W 1897 FSL 991 FWL
GPS Coord (UTM) 550683 4456754 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Wayne Garner (Construction Supervisor, El Paso), John Whitesides (Landman El Paso), Linda and Duane Zobell (Representing the Surface Owners).

Regional/Local Setting & Topography

The proposed Kofford 2-36B5 oil well is approximately 9 miles northwest of Duchesne, Utah and immediately north of the locally known area of Utahn. Access from Duchesne if by State Highways 87 and 35. A new road approximately 0.2 miles in length will be constructed along the route of an existing low standard two-track road. This road may need imported rocky borrow for a solid base.

The location is in the mouth of Benson Draw. No surface water, seeps or springs are known to exist. At the proposed site, the bottom of the draw is moderately wide and has a gentle slope to the southwest. The proposed pad however will occupy most of the width of the draw. Along the east side of the draw is an incised wash that shows little evidence of significant flows. The pad in this area will be narrowed to avoid this wash. Small gullies intercept the north east side of the proposed pad and should be diverted to the east around the pad when it is completed. Closest dwellings are more than 1 mile away.

Both the surface and minerals are FEE. The 40-acre tract that contains the well is owned by a joint family group of 4. Linda and Duane Zobell of Salt Lake City represented the group at the pre-site visit. They had no concerns regarding the proposal. A surface agreement exists.

Surface Use Plan

Current Surface Use

Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0.2	Width 275 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation consists of a sparse brush type. Principal species include greasewood, rabbit brush, shadscale, squirrel tail, cheat grass and annual weeds.

Deer, elk, coyote, and small birds and mammals.

Soil Type and Characteristics

Soils are a moderately deep sandy loam alluvium. Surface rock are lacking.

Erosion Issues Y

The pad in this area will be narrowed to avoid a wash. Small gullies intercept the north east side of the proposed pad and should be diverted to the east around the pad when it is completed.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

Berm Required? Y

Erosion Sedimentation Control Required? Y

Paleo Survey Run? N

Paleo Potential Observed?

Cultural Survey Run? N

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

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

Final Score 20 1 **Sensitivity Level**

Characteristics / Requirements

The reserve pit is planned on the southwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15-foot bench is planned. Sensitivity Level 1. A liner is required. Wayne Garner of El Paso said they commonly use a 20 mil liner.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 20

Pit Underlayment Required?

Other Observations / Comments

Floyd Bartlett
Evaluator

6/16/2008
Date / Time

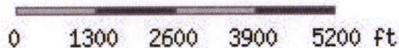
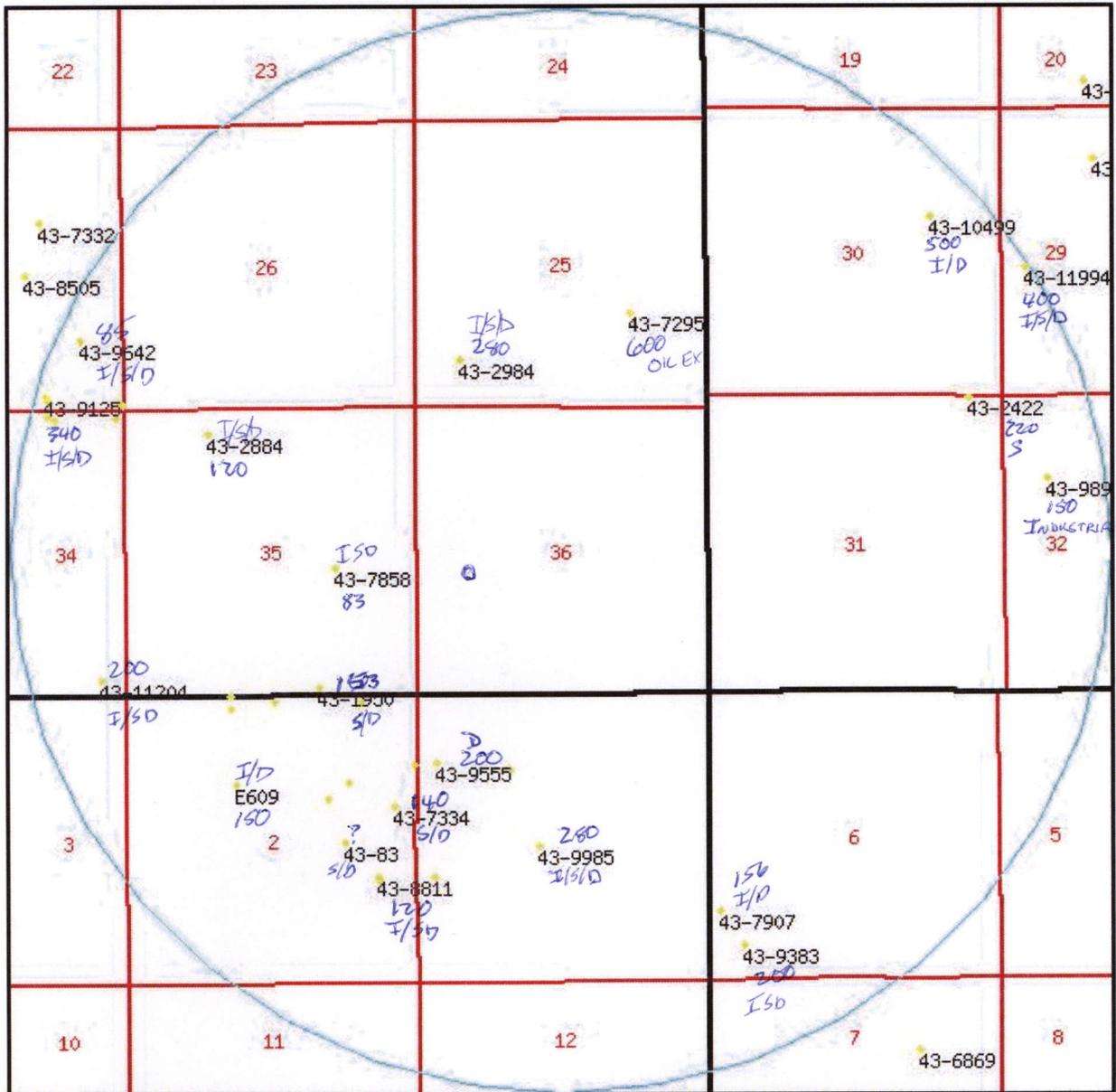

[Online Services](#)
[Agency List](#)
[Business](#)

Utah Division of Water Rights

WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 06/18/2008 03:00 PM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 36, Township 2S, Range 5W, US b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner
<u>43-10499</u>	Underground S1950 W1320 NE 30 2S 4W US		A	19941125	DI	0.000	1.450	WILLIAM A. ROB 243 S ESCONDIDC
<u>43-11204</u>	Underground N300 W450 SE 34 2S 5W US		A	20011119	DIS	0.000	1.730	MICHAEL RAWLJ 12608 CRESCENT
<u>43-11518</u>	Underground S250 W750 N4 02 3S 5W US		A	20040422	D	0.000	0.450	GARY STANLEY 12182 SOUTH 143
<u>43-11519</u>	Underground S100 E50 N4 02 3S 5W US		A	20040422	D	0.000	0.450	LYNN STANLEY 6682 SOUTH COD
<u>43-11520</u>	Underground S10 W770 N4 02 3S 5W US		A	20040422	D	0.000	0.450	VERN STANLEY 14390 S 1690 W
<u>43-11589</u>	Underground S1900 E1000 N4 02 3S 5W US	<u>well info</u>	A	20041110	DIS	0.000	1.730	JUSTIN AND TAS P. O. BOX 92
<u>43-11749</u>	Underground S1610 E1370 N4 02 3S 5W US		A	20060327	DI	0.000	1.700	MARK AND BRET HC 63 BOX 34 A
<u>43-11755</u>	Underground S708 E300 W4 01 3S 5W US	<u>well info</u>	A	20060407	DIS	0.000	1.730	MICHAEL L. AND NEALLEY P. O. BOX 778
<u>43-11772</u>	Underground S900 E1660 NW 29 2S 4W US		A	20060530	DIS	0.000	1.730	BRENT AND TAM FARNSWORTH P.O. BOX 153
<u>43-11864</u>	Underground S1300 W50 NE 02 3S 5W US		A	20061227	DIS	0.000	1.730	KEITH AND SHIR P.O. BOX 497
<u>43-11994</u>	Underground S250 E400 W4 29 2S 4W US		A	20070906	DIS	0.000	1.730	TYRELL G. AND I FARNSWORTH P.O. BOX 143
<u>43-12073</u>	Underground N530 E1500 SW 20 2S	<u>well info</u>	A	20080325	DI	0.000	1.450	RAY MOUNTEER 344 EAST 200 SOI

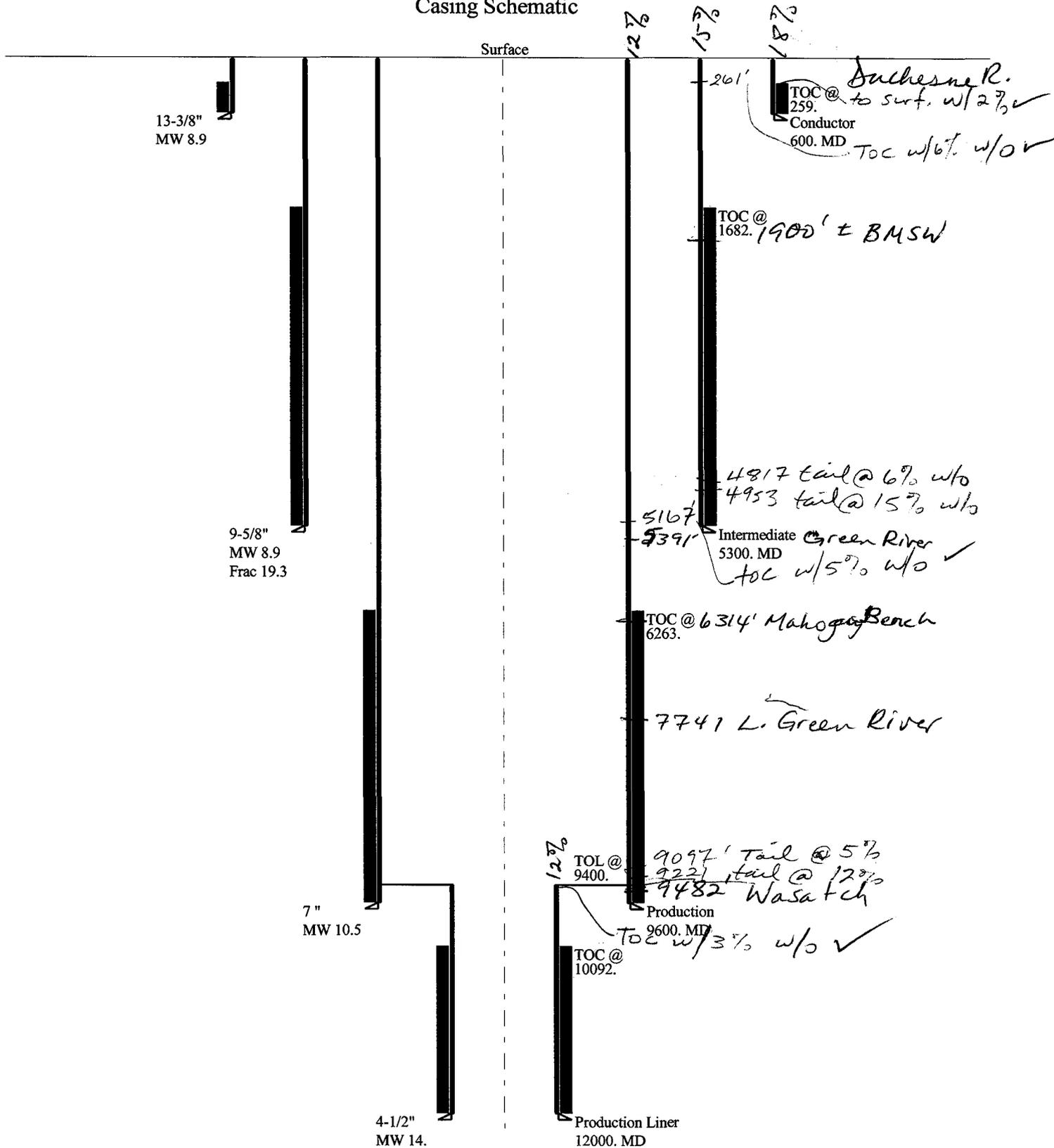
	4W US						
<u>43-1753</u>	Underground S100 E4027 NW 34 2S 5W US		P	19460126 DIS	0.016 0.000	JOSEPH EUGENE DUCHESNE UT 84	
<u>43-1789</u>	Underground N115 W40 SE 27 2S 5W US		P	19480918 DIS	0.015 0.000	DAVID DAVIES UTAHN ROUTE	
<u>43-1917</u>	Underground S85 W1396 NE 34 2S 5W US		P	19550614 DIS	0.015 0.000	FERN H. GILBERT DUCHESNE UT 84	
<u>43-1949</u>	Underground S140 W1020 NE 02 3S 5W US	<u>well info</u>	P	19350200 DS	0.000 0.560	STEVEN J. AND M ROBERTS P. O. BOX 929	
<u>43-1950</u>	Underground N124 W1803 SE 35 2S 5W US	<u>well info</u>	P	19320900 DS	0.044 0.000	FARSNWORTH F FARRELL & JOLE FARNSWORTH, T	
<u>43-1992</u>	Underground S130 W173 NE 34 2S 5W US	<u>well info</u>	P	19681202 DIS	0.015 0.000	JOSEPH EUGENE DUCHESNE UT 84	
<u>43-2422</u>	Underground N10 W660 SE 30 2S 4W US	<u>well info</u>	P	19701013 S	0.015 0.000	GRANT W. AND I BLEAZARD P.O. BOX 33	
<u>43-2884</u>	Underground S420 E1500 NW 35 2S 5W US	<u>well info</u>	P	19120000 DIS	0.030 0.000	GLEN L. AND ELI TABIONA UT 840	
<u>43-2984</u>	Underground N886 E788 SW 25 2S 5W US	<u>well info</u>	P	19731026 DIS	0.030 0.000	HOWARD PRENT P.O.BOX 742	
<u>43-6869</u>	Underground S1320 W1520 NE 07 3S 4W US	<u>well info</u>	P	19720406 O	0.015 10.950	GULF OIL CORPC C/O PENNZOIL CO	
<u>43-7295</u>	Underground N1542 W1396 NW 31 2S 4W US	<u>well info</u>	P	19721201 O	0.015 0.000	EL PASO E&P CO 1001 LOUISIANA S	
<u>43-7332</u>	Underground S1755 W1471 NE 27 2S	<u>well info</u>	P	19730404 IS	0.070 0.000	MAX E. BIRCH DUCHESNE UT 84	

	5W US						
<u>43-7334</u>	Underground S45 W1340 E4 02 3S 5W US		P	19730405 DIS	0.100 0.000	KENNETH L. WIL STAR ROUTE, BO	
<u>43-7334</u>	Underground N600 W450 E4 02 3S 5W US	<u>well info</u>	P	19730405 DIS	0.100 0.000	KENNETH L. WIL STAR ROUTE, BO	
<u>43-7721</u>	Underground N182 W125 SE 27 2S 5W US	<u>well info</u>	P	19750428 DIS	0.015 0.000	BRENT L. R. AND NELSON STAR ROUTE BO	
<u>43-7817</u>	Underground N178 W1360 SE 27 2S 5W US	<u>well info</u>	P	19760105 DI	0.015 0.000	RONALD HAROL K. LEE HC 2, BOX 32-C	
<u>43-7858</u>	Underground S320 W1500 E4 35 2S 5W US	<u>well info</u>	P	19760426 DIS	0.015 0.000	LEO L. AND LARI DUCHESNE UT 84	
<u>43-7907</u>	Underground N1290 E180 SW 06 3S 4W US		P	1934 DI	0.015 0.000	VERL RAY AND I STAR ROUTE BO	
<u>43-7908</u>	Underground S750 W725 E4 02 3S 5W US	<u>well info</u>	P	1934 DI	0.015 0.000	VERL RAY AND I STAR ROUTE BO	
<u>43-83</u>	Underground S45 W1340 E4 02 3S 5W US		P	19330000 DOS	0.015 0.000	KENNETH L. WIL DUCHESNE UT 84	
<u>43-8471</u>	Underground S1424 W990 N4 01 3S 5W US	<u>well info</u>	P	19860314 DI	0.015 0.000	J. T. MORRISON P. O. BOX 27	
<u>43-8505</u>	Underground S110 W1753 E4 27 2S 5W US	<u>well info</u>	P	19790910 DS	0.015 0.674	SHASTA B. FOUL E. FOULK 5486 SOUTH RED	
<u>43-8811</u>	Underground S700 W750 E4 02 3S 5W US		A	19800820 DIS	0.015 0.000	DALE WORKMAN BOX L	
<u>43-9125</u>	Underground N313 E1213 S4 27 2S 5W US	<u>well info</u>	P	19811228 DIS	0.015 1.506	MAXINE B. PANA HC 2, BOX 32A	

<u>43-9383</u>	Underground N650 E620 SW 06 3S 4W US		P	19830526 DIS	0.015 0.000	BURTON BEACH GEN.DEL.
<u>43-9555</u>	Underground S1250 E350 NW 01 3S 5W US		P	19840424 D	0.015 0.450	LEO L. BRADY RR#2, BOX 37,
<u>43-9642</u>	Underground N1319 W802 SE 27 2S 5W US		P	19841024 DIS	0.003 1.442	TONY PANAS P.O. BOX 554
<u>43-9896</u>	Underground S1503 E773 NW 32 2S 4W US	<u>well info</u>	P	19970710 DO	0.000 0.500	DUCHESNE COU BENCH LANDFIL C/O MANAGER
<u>43-9985</u>	Underground S134 E2191 W4 01 3S 5W US	<u>well info</u>	P	19870602 DIS	0.015 1.774	RALPH L. ANDER 268 EAST 700 SOU
<u>E609</u>	Underground S1640 W660 N4 02 3S 5W US		A	19730222 DI	0.000 1.000	E. ARTHUR HIGG P.O. BOX #668

2008-06 El Paso Kofford 2-36B5

Casing Schematic



Well name:

2008-06 El Paso Kofford 2-36B5

Operator: **El Paso E & P Company, L.P.**

String type: Conductor

Project ID:

43-013-33988

Location: Duchesne County, Utah

Design parameters:

Collapse

Mud weight: 8.900 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: 73 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst

Max anticipated surface pressure: 205 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 277 psi

No backup mud specified.

Burst:

Design factor 1.00

Cement top: 259 ft

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: 521 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	600	13.375	54.50	J-55	ST&C	600	600	12.49	520.7
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	277	1130	4.074	277	2730	9.84	28	514	18.10 J

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

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

Date: June 23, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.9 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.

Well name:

2008-06 El Paso Kofford 2-36B5

Operator: **El Paso E & P Company, L.P.**

String type: Intermediate

Project ID:

43-013-33988

Location: Duchesne County, Utah

Design parameters:

Collapse

Mud weight: 8.900 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: 139 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,682 ft

Burst

Max anticipated surface pressure: 3,124 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,290 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)

Tension is based on buoyed weight.
Neutral point: 4,598 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,600 ft
Next mud weight: 10.500 ppg
Next setting BHP: 5,236 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,300 ft
Injection pressure: 5,300 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	5300	9.625	40.00	N-80	LT&C	5300	5300	8.75	2256.3
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	2450	3090	1.261	4290	5750	1.34	184	737	4.01 J

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

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

Date: June 23, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5300 ft, a mud weight of 8.9 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.

Well name:

2008-06 El Paso Kofford 2-36B5

Operator: **El Paso E & P Company, L.P.**

String type: Production

Project ID:

43-013-33988

Location: Duchesne County, Utah

Design parameters:

Collapse

Mud weight: 10.500 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: 199 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft
Cement top: 6,263 ft

Burst

Max anticipated surface pressure: 3,124 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,236 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: 8,080 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	9600	7	26.00	HCP-110	LT&C	9600	9600	6.151	2062.3
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	5236	7800	1.490	5236	9950	1.90	210	693	3.30 J

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

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

Date: June 23, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9600 ft, a mud weight of 10.5 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.

Well name:

2008-06 El Paso Kofford 2-36B5

Operator: **El Paso E & P Company, L.P.**

String type: Production Liner

Project ID:

43-013-33988

Location: Duchesne County, Utah

Design parameters:

Collapse

Mud weight: 14.000 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: 233 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst

Max anticipated surface pressure: 6,087 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,727 psi

Burst:

Design factor 1.00

Cement top: 10,092 ft

Liner top: 9,400 ft

Non-directional string.

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: 11,463 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	2600	4.5	13.50	HCP-110	LT&C	12000	12000	3.795	217.9

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	8727	10680	1.224	8727	12410	1.42	28	338	12.14 J

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

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

Date: June 23, 2008
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12000 ft, a mud weight of 14 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

BOPE REVIEW

El Paso Kofford 2-36B5

API# 43-013-33988

Well Name	El Paso Kofford 2-36B5 API# 43-013-33988			
	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	7	4 1/2
Setting Depth (TVD)	600	5300	9600	12000
Previous Shoe Setting Depth (TVD)	0	600	5300	9600
Max Mud Weight (ppg)	8.9	8.9	10.5	14
BOPE Proposed (psi)	500	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	9950	12410
Operators Max Anticipated Pressure (psi)	8112			13.0 ppg

Calculations	String 1		13 3/8 "
Max BHP [psi]	.052*Setting Depth*MW =		278
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		206
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		146
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =		146
Required Casing/BOPE Test Pressure			600 psi
*Max Pressure Allowed @ Previous Casing Shoe =			0 psi

BOPE Adequate For Drilling And Setting Casing at Depth? YES 5" x 20" rotating head on structural pipe ✓

*Can Full Expected Pressure Be Held At Previous Shoe? NO - 0.72

*Assumes 1psi/ft frac gradient

Calculations	String 2		9 5/8 "
Max BHP [psi]	.052*Setting Depth*MW =		2453
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		1817
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		1287
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =		1419
Required Casing/BOPE Test Pressure			4025 psi
*Max Pressure Allowed @ Previous Casing Shoe =			600 psi

BOPE Adequate For Drilling And Setting Casing at Depth? NO 5" x 13.375" Smith Rotating Head w/shut-off valve to 5300' expecting 0.6760 psi/ft (=3312 psi) effective for well maintenance

*Can Full Expected Pressure Be Held At Previous Shoe? NO Reasonable - no expected pressures

*Assumes 1psi/ft frac gradient

Calculations	String 3		7 "
Max BHP [psi]	.052*Setting Depth*MW =		5242
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		4090
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		3130
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =		4296
Required Casing/BOPE Test Pressure			6965 psi
*Max Pressure Allowed @ Previous Casing Shoe =			5300 psi

BOPE Adequate For Drilling And Setting Casing at Depth? YES ✓ expecting 0.6760 psi/ft (=6490 psi)

*Can Full Expected Pressure Be Held At Previous Shoe? YES ✓

*Assumes 1psi/ft frac gradient

Calculations	String 4		4 1/2 "
Max BHP [psi]	.052*Setting Depth*MW =		8736
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		7296
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		6096
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =		8208
Required Casing/BOPE Test Pressure			8687 psi
*Max Pressure Allowed @ Previous Casing Shoe =			9600 psi

BOPE Adequate For Drilling And Setting Casing at Depth? YES ✓ expecting 0.6760 psi/ft (=8112 psi)

*Can Full Expected Pressure Be Held At Previous Shoe? YES ✓

*Assumes 1psi/ft frac gradient



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

July 7, 2008

El Paso E & P Company, LP
291 Daffodil
Casper, WY 82604

Re: Kofford 2-36B5 Well, 1897' FSL, 991' FWL, NW SW, Sec. 36, T. 2 South, R. 5 West,
Duchesne 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 43-013-33988.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor

Operator: El Paso E & P Company, LP
Well Name & Number Kofford 2-36B5
API Number: 43-013-33988
Lease: Fee

Location: NW SW Sec. 36 T. 2 South R. 5 West

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 action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

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.

Page Two
43-013-33988
July 7, 2008

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
5. Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		8. WELL NAME and NUMBER: KOFFORD 2-36B5
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		9. API NUMBER: 4301333988
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897' FSL, 991' FWL		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 36 2S 5W		COUNTY: DUCHESNE
		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: 8/27/2008	<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 checked="" type="checkbox"/> OTHER: NOTICE OF SPUD
	<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.

OPERATOR SPUD 26" HOLE ON 8/20/2008. DRILLED TO 61'. SET 61' OF 20" CONDUCTOR CASING. CMT W/ 350 SX CLASS G. DRILLED 17-1/2" HOLE TO 660' ON 8/27/2008. SET 627' OF J-55 13-3/8" SURFACE CASING. CMT W/ 600 SX CLASS G CMT.

NAME (PLEASE PRINT) LISA PRETZ	TITLE ENGINEERING TECH
SIGNATURE	DATE 9/3/2008

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E&P Company, L.P.
Address: 1099 18th Street, Suite 1900
city Denver
state CO zip 80202

Operator Account Number: N 3065
Phone Number: (303) 291-6400

Well 1

NWSW

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333988	KOFFORD 2-36B5		NWSW	36	2S	5W	DUCHENSE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>99999</i>	<i>17048</i>	8/20/2008		<i>9/22/08</i>		
Comments: <i>WSTC</i>							CONFIDENTIAL

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)

LISA PRETZ

Name (Please Print)

Signature

ENGINEERING TECH

Title

9/3/2008

Date

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING

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

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: KOFFORD 2-36B5
9. API NUMBER: 4301333988
10. FIELD AND POOL, OR WILDCAT: ALTAMONT
1. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER []
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6400
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897' FSL, 991' FWL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 36 2S 5W STATE: UTAH

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

Table with 2 main columns: TYPE OF SUBMISSION and 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.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
El Paso E & P is requesting permission to proceed with the well either per approved permit, which includes setting a string of 7" casing at 9600', or drilling the well to TD of 12000' without setting intermediate casing and setting a long string of 5.5" 20ppp110 casing. Long string will be cemented back to 200 feet inside previous casing string so TOC will be 5200', 30 percent excess over caliper volume will be used to determine cement volumes. Decision to set intermediate will be made pending issues with lost returns when we hit the pressure ramp shortly above the Wasatch.
Per telephone conversation on 11/6/08 El Paso (Alex Erhardt) received verbal approval from Dustin Doucet, DOGM, Petroleum Engineer to drill the well without setting the intermediate casing. Attached is the new well bore schematic WITHOUT setting intermediate casing.

COPY SENT TO OPERATOR
Date: 11.25.2008
Initials: KS

NAME (PLEASE PRINT) Marie OKeefe TITLE Sr. Regulatory Analyst
SIGNATURE [Signature] DATE 11/6/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/20/08
BY: [Signature] (See Instructions on Reverse Side)

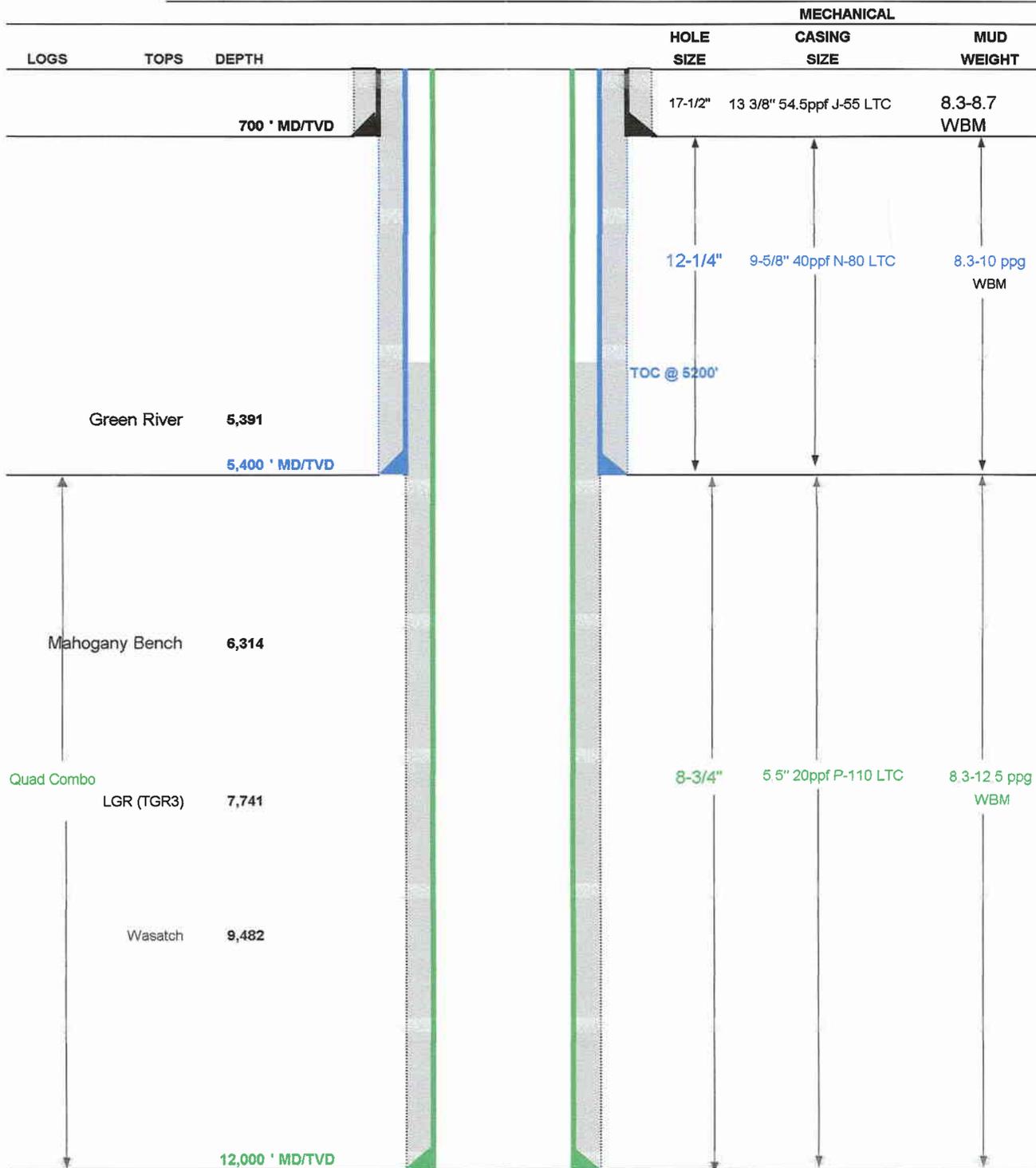
RECEIVED
NOV 13 2008
DIV. OF OIL, GAS & MINING



Drilling Schematic

Company Name: El Paso Exploration & Production
Well Name: Kofford 2-36B5
Field, County, State: Altamont - Bluebell, Duchesne, Utah
Surface Location: 1,897' FSL, 991' FWL, SEC. 36, T2S, R5W
Objective Zone(s): Green River, Wasatch
Rig: Precision Drilling 426
BOPE Info: 13 3/8 1500 psi annular from surface to 5400
 13-5/8" 5K stack from 5400' to TD

Date: 11/6/2008 revised mo
TD: 12,000
AFE #:
BHL: Straight Hole
Elevation: 5861' ungraded
Spud (est.):



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0 - 700	54.5	J-55	LTC	2,730 21.45	1,140 3.48	1,399 7.51
SURFACE	9-5/8"	0 - 5400	40	N-80	LTC	5,750 1.81	3,530 1.40	606 1.92
PRODUCTION	5.5"	0 - 12000	20	P-110	LTC	12,630 1.97	11,100 1.42	548 1.61

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
						ppg	cuft/sk
CONDUCTOR		700	Class G + 3% CaCl2	640	50%	15.6	1.15
SURFACE	Lead	4,900	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	720	50%	11.0	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	190	50%	14.4	1.25
PRODUCTION	Lead	6,400	Class G 50:50 poz, 2% gel 0.3% sodium metasilicate	1690	30%	12.50	1.25

FLOAT EQUIPMENT & CENTRALIZERS

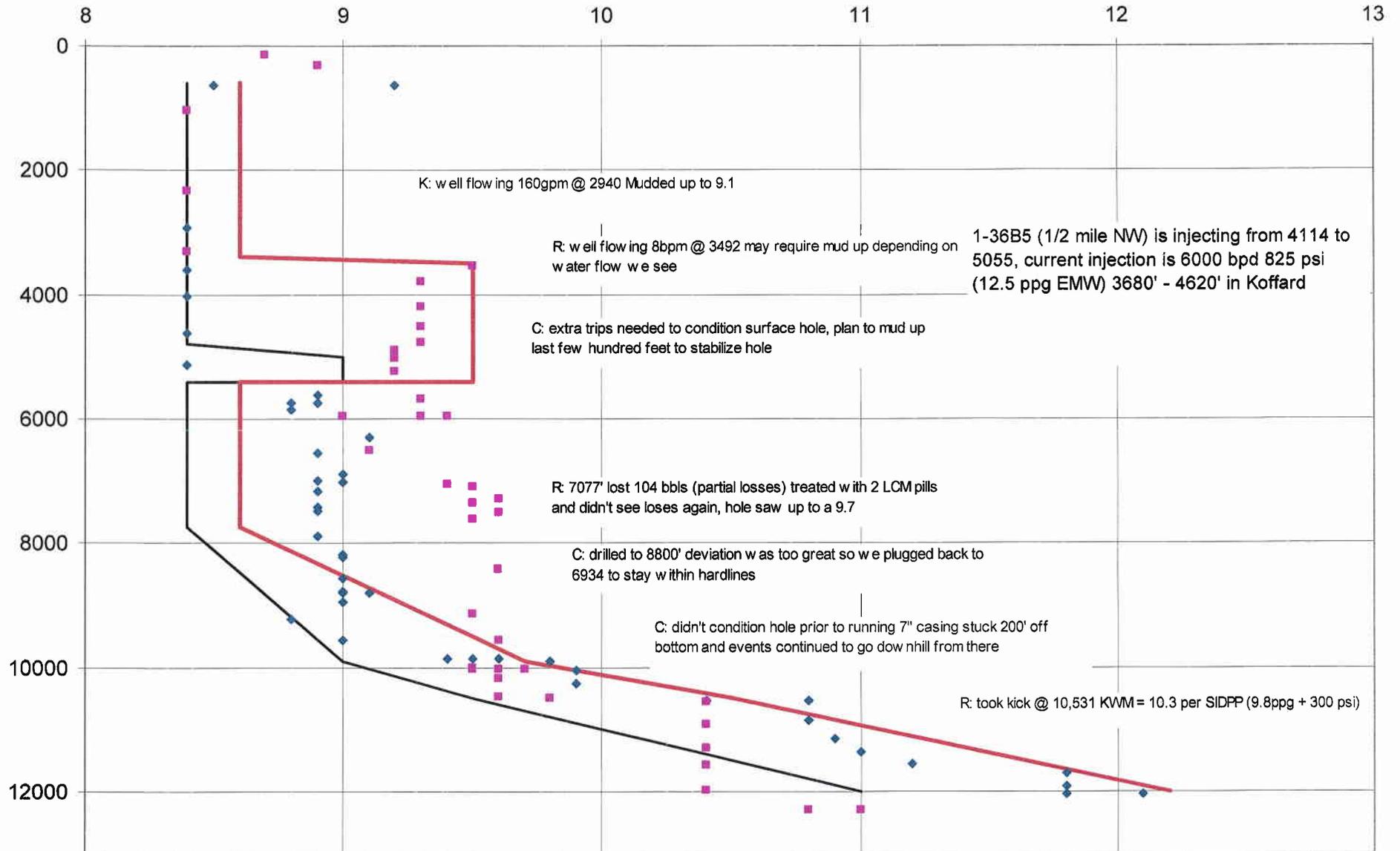
CONDUCTOR	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable float shoe, 2 joints casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
PRODUCTION	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints and 1 every 3rd joint up to TOC thereafter.

PROJECT ENGINEER(S): Alex Erhardt _____

MANAGER: _____

Kofford offsets

MW ppg



◆ Case ■ Rhoades — Min — Max ● Actual

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

FORM 9

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NUMBER:
FEE
IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6400

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1897' FSL, 991' FWL COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 36 2S 5W STATE: UTAH

7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: KOFFORD 2-36B5
9. API NUMBER: 4301333988
10. FIELD AND POOL, OR WILDCAT: ALTAMONT

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: 12/10/2008	<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 checked="" type="checkbox"/> OTHER: <u>Drilling Report</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.
EL PASO E & P DRILLED SUBJECT WELL ACCORDING TO THE ATTACHED REPORT.

NAME (PLEASE PRINT) Marie OKeefe TITLE Sr. Regulatory Analyst
SIGNATURE *Marie OKeefe* DATE 7/6/2009

(This space for State use only)

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JUL 07 2009



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/31/2008	06:00 - 06:01	0.02	D	18		Build Location
8/21/2008	06:00 - 06:01	0.02	D	18		SET 20"
8/28/2008	08:00 - 10:00	2.00	D	01		Move on ProPetro rig 5.
	10:00 - 21:30	11.50	D	03		Spud W/ 17.5 " bit and drill to 660'. Circ. bottom up.
	21:30 - 22:30	1.00	D	04		TOH to run csg.
	22:30 - 00:30	2.00	D	12		Run 14 jts of 13 3/8 " 54.5 lb, J-55, landed @ 626.9'.
	00:30 - 00:45	0.25	D	14		Rig cementers
	00:45 - 03:15	2.50	D	14		Cement w/ 600 sks "G" 2 % Cacl2 & 0.25 sks floccell. Plug down 03:11 hrs
						08/28/2008. float helt, 10 bbls cement returns
10/12/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting with WestRoc Oilfiel Ser. Tearing out drlg. rig
	07:30 - 19:30	12.00	D	01		Load out Well site trailers and move to Kofford 2-36B5 Rig up trailers on new loc. Derrick down @ 1700 hrs. Trailers hooked up by 1500 hrs.
	19:30 - 06:00	10.50	D	01		W O Day Light
10/13/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crews
	07:30 - 15:45	8.25	D	01		Cont. rigging down Unpin top 2 sections of derrick, set on trailer w/ travelling blocks and drlg. line spool (did not unstring travelling blocks)
						Cont. unpinning derrick, remove and send back mud cleaner and vaccum degasser to Zeco in Vernal
	15:45 - 19:00	3.25	DT	67		While attempting to pull draw works back over centre using the rigs loader, the stinger (which was not locked into operating position) came off striking Darrel Sauer (rig manager) Ambulance was called to loc. Darrel was taken to Roosevelt medical centre, where he was checked out and found to have several broken ribs, broken pelvis and broken right femur With these extensive injuries he was air lifted to Salt Lake City for further treatment Rig move was shut down for the remainder of the day , while statements were taken from all witnesses to the accident
	19:00 - 06:00	11.00	DT	67		Wait on day light
10/14/2008	06:00 - 07:00	1.00	DT	67		Wait on day light
	07:00 - 07:30	0.50	DT	67		Safety meeting w/ rig movers & drlg. crews
	07:30 - 19:30	12.00	D	01		Cont. dismantling derrick Load out mud tanks, mud pumps and all support buildings Clean up and load out all available matting Haul all available loads to new loc.
	19:30 - 06:00	10.50	D	01		Shut down Wait on day light
10/15/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crew
	07:30 - 19:30	12.00	D	01		Unable to get hydraulic system to work (system used to lower draw works) Prepare draw works to be removed by crane Draw works down at 1400 hrs. Lower draw works elevating system using 2 cranes Cont. dismantling derrick
	19:30 - 06:00	10.50	D	01		Wait on day light
10/16/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:30	12.00	D	01		Spot matting (sub base , mud tank area) Spot and pin together sub structure Raise A legs Level sub base Set in and pin draw works & lifting system Hydraulic technician trouble shooting & making repairs to hydraulic system Put up prefabs around draw works, dog house area Pin derrick together, install all spreaders in derrick Spot and level all support buildings Spot mud pumps, mud tanks and Bos premix tank
	19:30 - 06:00	10.50	D	01		Shut down wait on day light
10/17/2008	06:00 - 07:00	1.00	D	01		Wait on day light



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/17/2008	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers and rig crews
	07:30 - 19:30	12.00	D	01		Install hydraulic pump & ck. out hydraulic unit Raise & pin draw works (no problems) Hook up bridle line Prepare & ck. out derrick Set in place cable trays and suit cases Run and hook up all electric cables, air lines, fuel lines, etc. Start assembling wind wall (prefab) frame (large gig saw puzzle) Cont. with general rig up Will raise derrick in AM Keeping 1 crane on loc. to finish rigging up
10/18/2008	19:30 - 06:00	10.50	D	01		Shut down wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:00	11.50	D	01		Install new winch on monkey board Repair & clean derrick lights Grease all sheaves in derrick Raise derrick, up at 1305 hrs. Set racking platform in place & put on prefabs before rasing Set all stairs and cat walk in place Cont. with general rig up
10/19/2008	19:00 - 06:00	11.00	D	01		Shut down Wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ crane operator & rig crews
	07:30 - 12:00	4.50	D	01		Cont. assembling roof over mud tanks & mud pumps Welding crew fafabricating & making modifications to prefab structure
10/20/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up structure for winterization
	12:15 - 06:00	17.75	D	01		Rig in hydraulic unit & drill floor Rig in top drive Cont. with general rig up
	06:00 - 06:15	0.25	D	01		Safety meeting Rigging in top drive
	06:15 - 12:00	5.75	D	01		Cont. rigging in top drive & service loop Rig up drill floor Install splash pan and scaffolding
10/21/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up wind wall structure
	12:15 - 17:00	4.75	D	01		Hook up bop hoses Circ. water thru out rig (repaired a few leaks) Cont. working on mud tank cover
	17:00 - 20:15	3.25	D	10		Cut off conductor pipe and 13 3/8" casg. Weld on 13 3/8" x 13 5/8" 5k Weatherford casg. bowl Pressure test weld to 1000 psi for 15 min. Ok
	20:15 - 00:00	3.75	D	10		Nipple up 13 5/8" 5k class V Bop & manifold system
	00:00 - 00:15	0.25	D	15		Held Safety Mtg: P/U & N/U BOP's and Rotating Head.
	00:15 - 06:00	5.75	D	10		Nipple Up 13 5/8" 5k Class V BOP's, Choke & Kill Lines, Manifold Lines & Rotating Head.
	06:00 - 06:15	0.25	D	15		Safety meeting Nippling up bop
	06:15 - 10:00	3.75	D	15		Cont. nipling up 13 5/8" Bop
10/22/2008	10:00 - 13:00	3.00	D	18		All Precision, Elpaso and service personel attended prespud meeting at community centre in Duchene
	13:00 - 22:00	9.00	D	15		Cont. hooking up choke and kill line, Install new Choke & Kill Line 10K Flex hoses.
	22:00 - 00:00	2.00	D	15		Rig Up Choke Line to Manifold Shack. Hook up Hyd. Lines on BOP's.
	00:00 - 00:15	0.25	D	15		Held Safety Mtg on N/U Press Test.
	00:15 - 01:15	1.00	D	15		Function Test Accumulator, Annular, HCR, Pipe & Blind Rams; Blind Rams had a faulty union on ram body.
	01:15 - 06:00	4.75	D	15		Cont. to Torque all BOP equipment Bolts; Move 10K 7-1/16" Stack, P/U mouseholes and prep rig floor to Press Test
10/22/2008	06:00 - 06:15	0.25	D	09		Safety meeting Press. testing
	06:15 - 12:00	5.75	D	09		Rig in Weatherford press. tester Press. test casg. to 1000 psi Install weatherford test plug Press. test blind rams, well head flanges, both choke and kill line valves, choke line, all choke manifold valves Screw back into test plug and press test pipe rams, annular preventor, stabbing valve and inside bop Press. tested mud line back to mud pumps Test pressures 300psi low and 5000psi high 10 min. duration Repaired 3



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/22/2008	06:15 - 12:00	5.75	D	09		minor leaks on choke line Annular tested to 300psi low and 3750psi high 10 min. duration Conduct 4 function test with acc. shut off Final acc. press. 1800psi Recharge to 3000psi in 2min. 25 sec's
	12:00 - 12:15	0.25	D	10		Safety meeting
	12:15 - 12:45	0.50	D	09		Install wear bushing
	12:45 - 15:45	3.00	D	10		Rig in relief line f/ choke manifold to reserve pit and flare tank
	15:45 - 00:00	8.25	D	01		Continue to R/U and Prep to Spud: Finish installing Flare Lines & Flare Stack, Install Turnbuckles on Torque Tube, Install Line Spooler and Hook up Fill Up Lines.
	00:00 - 00:15	0.25	D	06		Safety Mtg: Slip & Cut Drilling Line, P/U BHA.
	00:15 - 01:00	0.75	D	06		Perform Precision Pre-Spud Inspection.
	01:00 - 03:00	2.00	D	06		Slip & Cut Drlg Line.
	03:00 - 06:00	3.00	D	04		M/U PDC Bit #1: MS1677BZ and P/U BHA.
	10/23/2008	06:00 - 10:15	4.25	D	04	
10:15 - 10:30		0.25	D	06		Rig Service
10:30 - 16:00		5.50	D	13		Drill out cmt. f/ 546' - 608' (hard cmt. / slow drilling) Drill out plug, float collar & cmt. to 638'
16:00 - 17:45		1.75	DT	54		Install rotating head riser ext. Clamp holding ext. in place was rusted solid Work on clamp for 30 min. to get it freed up Realign torque tube Was not aligned properly, pushing drill string against rotary table bushings
17:45 - 18:30		0.75	D	13		Cont. drlg. out cmt. f/ 638' to 660'.
18:30 - 23:00		4.50	D	03		Drill 12 1/4" Hole f/ 660' - 941'
23:00 - 23:15		0.25	D	18		Held BOP Drill: Well secure & Crew in positions: 108secs. Function Pipe Rams: 6secs c/o
23:15 - 23:30		0.25	D	03		Drill 12 1/4" Hole f/ 941' - 1011'
23:30 - 00:00		0.50	D	05		Accumulated Survey & Connection Time.
00:00 - 00:15		0.25	D	18		Held Crew Safety Mtg: Making mousehole Connections.
10/24/2008	00:15 - 02:15	2.00	D	03		Drill 12 1/4" Hole f/ 1011' - 1263'
	02:15 - 02:30	0.25	D	06		Rig Service; function Annular: 15secs c/o
	02:30 - 06:00	3.50	D	03		Drill 12 1/4" Hole f/ 1263' - 1584'.
	06:00 - 12:00	6.00	D	03		Drill f/ 1584' - 2156'
	12:00 - 12:15	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:15 - 12:30	0.25	D	18		Held Safety Mtg: Steam Use.
	12:30 - 20:30	8.00	D	03		Drill 12 1/4" Hole f/ 2156' - 2940'; Well Flow increased.
	20:30 - 21:30	1.00	DT	55		Well Flowing @ 15%; Shut well in & Monitor pressures: 50psi max SIP; Install Rotating Head.
	21:30 - 00:00	2.50	D	03		Drill 12 1/4" Hole f/ 2940' - 3020'; Slowed Rotary for rough hole conditions. Monitor well on connections: flowing @ 150 gpm.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Well Control.
10/25/2008	00:15 - 02:00	1.75	D	03		Drill 12 1/4" Hole f/ 3020' - 3090'.
	02:00 - 02:15	0.25	DT	55		Flow Check well @ 3090': Well Flowing @ 160+ gpm.
	02:15 - 02:30	0.25	D	03		Drill 12 1/4" Hole f/ 3090' - 3093'.
	02:30 - 03:00	0.50	DT	55		Shut well in: SIP: 60 psi; Mix surface mud for displacing.
	03:00 - 03:45	0.75	D	03		Drill 12 1/4" Hole f/ 3093' - 3100'; Dispalce hole to 8.9# Mud.
	03:45 - 04:00	0.25	DT	55		Flow Check well once hole displaced to 8.9# Mud: Well Static.
	04:00 - 05:00	1.00	D	18		Change out Shaker Screens.
	05:00 - 06:00	1.00	D	03		Drill 12 1/4" Hole f/ 3100' - 3130'
	06:00 - 06:45	0.75	D	03		Drill f/ 3130' - 3153'
	06:45 - 07:00	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
10/25/2008	07:00 - 11:45	4.75	D	03		Drill f/ 3153' - 3274'
	11:45 - 13:15	1.50	DT	60		Repair hydraulic hose on top drive
	13:15 - 13:30	0.25	D	03		Safety meeting Bop drills



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/25/2008	13:30 - 15:15	1.75	D	03		Drill f/ 3274' - 3320'
	15:15 - 15:45	0.50	D	08		Circ. btms. up
	15:45 - 22:00	6.25	D	04		Flow Ck. Static POH 5 std's Flow Ck. Pump trip pill Cont. POH w/ bit #1
	22:00 - 22:30	0.50	D	04		Break & L/D MWD Tool; Break off Bit. Flow Check out of Hole: Well Static. Function Test Blind Rams: 5secs c/o.
	22:30 - 23:00	0.50	D	04		M/U New Bit: MS-1677DU & Run in Hole to top of MWD.
	23:00 - 00:00	1.00	D	06		Rig Service; Service Top Drive; Function Pipe Rams: 5secs c/o. Clean Up Rig Floor for Tripping.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping.
10/26/2008	00:15 - 05:00	4.75	D	04		M/U new MWD Tool & RIH; Flow Check @ BHA- Well Static, Pulse Test MWD: OK; Cont to RIH w/ Bit #2; Fill Pipe Break Circ & Wash to Bttm f/ 2994' - 3320': 2' Fill on Bttm.
	05:00 - 06:00	1.00	D	03		Break in Bit & Drill 12 1/4" Hole f/ 3320' - 3363'.
	06:00 - 12:00	6.00	D	03		Drill f/ 3363' - 3612'
	12:00 - 12:15	0.25	D	18		Safety meeting Weekend Awareness
	12:15 - 16:45	4.50	D	03		Drill f/ 3612' - 3740'
	16:45 - 17:00	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	17:00 - 22:30	5.50	D	03		Drill f/ 3740' - 3869'.
	22:30 - 23:30	1.00	DT	60		Replace #2 Pump washed Pop Valve Housing.
	23:30 - 00:00	0.50	D	05		Accumulated Survey and Connection Time.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Weekend Awareness
	00:15 - 03:45	3.50	D	03		Drill f/ 3869' - 3932'.
10/27/2008	03:45 - 04:00	0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
	04:00 - 06:00	2.00	D	03		Drill f/ 3932' - 3970'
	06:00 - 10:30	4.50	D	03		Drill f/ 3970 - 4060' Drill f/ 3970' - 4006' w/ 1 pump at 120 spm (546 gpm) while waiting on new pop valve
	10:30 - 12:00	1.50	D	03		Acc. connection & survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Lock out procedures
	12:15 - 13:30	1.25	D	03		Drill f/ 4060' - 4090'
	13:30 - 14:00	0.50	DT	65		Blew pop valve Reset Pump press. has increased f/ 2500psi to 2800 - 3500 psi after pop valve blew Appears something was sucked thru nozzles when pop valve blew ?
	14:00 - 15:30	1.50	D	03		Drill f/ 4090' - 4114'
	15:30 - 16:00	0.50	D	06		Rig Ser. Function annular preventor c / o 12 sec's Ck. crown saver
	16:00 - 17:15	1.25	D	03		Drill f/ 4114' - 4142' Pop valve blew Unable to continue drilling due to increasing pump pressure
	17:15 - 00:00	6.75	DT	62		Flow Check on Bttm; Pull 5 std's; Flow Check & Pump Pill; Cont. to POOH Flow Check @ 2213'; top of BHA & Out of Hole. Function Blind Rams: 6secs c/o.
10/28/2008	00:00 - 00:15	0.25	DT	62		Safety Mtg.
	00:15 - 02:30	2.25	DT	62		Pull & L/D MWD Tool: OK; Check Motor - Brgs very Ruogh, Break Bit - Nozzles plugged with Motor stator rubbers. L/D Mud Motor. Monitor well on Trip Tank: Well Static.
	02:30 - 03:00	0.50	DT	62		Rig Service; Function Pipe Rams: 5secs c/o.
	03:00 - 05:30	2.50	DT	62		Wait on 8" Mud Motor from Vernal.
	05:30 - 06:00	0.50	DT	62		P/U Smith MDI 716 & 8" Mud Motor.
	06:00 - 08:45	2.75	DT	62		RIH w/ bit #3 Flow ck. at casg. shoe @ 660' Well static Cont. RIH to 935' Unable to ck. Mwd Mud going over rotating head
	08:45 - 09:45	1.00	DT	62		Install rotating head element Ck. Mwd OK
	09:45 - 10:45	1.00	DT	62		Cont. RIH to 3324' Hit bridge
	10:45 - 12:00	1.25	DT	56		Wash and ream intermittent bridges f/ 3324' - 3744'
	12:00 - 12:15	0.25	DT	62		Safety meeting Tripping in hole



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/28/2008	12:15 - 15:00	2.75	DT	56		Cont. washing & reaming f/ 3744' - 4142'
	15:00 - 21:30	6.50	D	03		Drill 12 1/4" Hole f/ 4142' - 4356'.
	21:30 - 21:45	0.25	D	06		Rig Service; Function Annular: 22 secs c/o
	21:45 - 23:30	1.75	D	03		Drill 12 1/4" Hole f/ 4356' - 4422'.
	23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection Time.
	00:00 - 00:15	0.25	D	18		Held Safety Mtg:
	00:15 - 01:30	1.25	DT	60		Circ hole while cleaning out each pump; check all valves on each due to pressure loss. Clean out plugged up valves as required.
	01:30 - 04:45	3.25	D	03		Drill 12 1/4" Hole f/ 4422' - 4479'.
10/29/2008	04:45 - 05:00	0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
	05:00 - 06:00	1.00	D	03		Drill 12 1/4" Hole f/ 4479' - 4500'.
	06:00 - 11:30	5.50	D	03		Drill f/ 4500' - 4575'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Mouse hole connections
	12:15 - 15:15	3.00	D	03		Drill f/ 4575' - 4604'.
	15:15 - 15:45	0.50	DT	64		Attempt to Survey; Tool Failed.
	15:45 - 19:30	3.75	D	03		Drill 12 1/4" Hole f/ 4604' - 4644'.
	19:30 - 20:15	0.75	D	08		Circ Bttms up prior to Tripping.
	20:15 - 20:30	0.25	DT	64		Attempt to Survey; Tool failed.
	20:30 - 00:00	3.50	D	04		Trip for Bit due to PR: Flow Check on Bttm: well static; Pull 5 stds; Flow Check: well static; Pump Pill & Cont to POOH; Flow Check @ 2336'; @897'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: L/D & P/U Mud Motors
00:15 - 02:00	1.75	D	04		Finish POOH to Bit. Hole Fill: Calc: 59.07 bbls Act: 71.85 bbls Diff: 12.78 bbls	
02:00 - 04:00	2.00	D	04		Pull MWD; Break Bit/L/D 8" Mud Motor. Flow Check while out of Hole: Well Static. Function Blind Rams: 5secs c/o. P/U 9- 5/8" Mud Motor.	
10/30/2008	04:00 - 05:00	1.00	DT	64		Muleshoe in UBHO Sub washed out; Change out same.
	05:00 - 06:00	1.00	D	04		M/U Reed DSX70HF-GV ; Install new MWD Tool & RIH.
	06:00 - 08:00	2.00	D	04		Finish running in with BHA
	08:00 - 09:15	1.25	D	05		Flow Ck. Install rotating head element Pulse test MWD
	09:15 - 10:15	1.00	D	06		Slip and cut drill line
	10:15 - 12:00	1.75	D	04		RIH to 4511'
	12:00 - 12:15	0.25	D	06		Safety meeting Loader operations
	12:15 - 13:30	1.25	D	07		Wash and ream f/ 4511' - 4644' No noticeable fill on on btm.
	13:30 - 17:00	3.50	D	03		Drill f/ 4644' - 4706' Drlg. brk. 4677' - 4706' Pent. rate increased f/ 10' / hr. to 102' / hr.
	17:00 - 18:15	1.25	DT	56		Work tight hole f/ 4706' up to 4650' Worked tight hole numerous times till hole freed up
	18:15 - 21:00	2.75	D	03		Drill f/ 4706' - 4765'.
21:00 - 21:15	0.25	D	06		Rig Service; function Annular: 23 secs c/o	
21:15 - 23:30	2.25	D	03		Drill 12 1/4" Hole f/ 4765' - 4840'	
23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection	
00:00 - 00:15	0.25	D	06		Held safety Mtg: Rig Servicing	
00:15 - 03:30	3.25	D	03		Drill 12 1/4" Hole f/ 4840' - 4955'	
03:30 - 03:45	0.25	D	06		Rig Service.	
03:45 - 06:00	2.25	D	03		Drill 12 1/4" Hole f/ 4955' - 5075'.	
10/31/2008	06:00 - 10:15	4.25	D	03		Drill f/ 5075' - 5260'
	10:15 - 11:15	1.00	D	05		Acc. survey time
	11:15 - 12:00	0.75	D	03		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Driving crew truck
	12:15 - 17:15	5.00	D	03		Drill f/ 5260' - 5430' Casg. Pt.
	17:15 - 18:15	1.00	D	08		Circulate and condition mud



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2008	18:15 - 18:30	0.25	D	05		Survey @ 5361' was inc. 1.0 az 187.2
	18:30 - 23:45	5.25	D	04		Wiper trip up to shoe @ 660', pull rot. rubber and flow check @ 5289' well static, flow check @ 4952', well static, pump pill, Pull tight @ 4889', back ream out to 4693'. Flow check @ 4026' well static, pump pill, Flow check @ 2618' and 819', well static
	23:45 - 00:00	0.25	D	06		Service rig, function pipe rams, 4 sec. C/O
	00:00 - 00:15	0.25	D	18		Safety Meeting
	00:15 - 05:30	5.25	D	04		TIH, Flow check @ 2725', well static, install rot. head and fill pipe, Cont. TIH, wash and ream f/ 4495' to 5075' and wash last 2 stands to bottom. Circulate and cond. hole for casing
11/1/2008	05:30 - 06:00	0.50	D	08		Circ. cond. mud & hole
	06:00 - 07:30	1.50	D	08		POH w/ bit #4 Pull 5 std's Flow ck. Well static Pump trip pill Cont.
	07:30 - 13:30	6.00	D	04		POH flow Ck. at 2600', 903'
	13:30 - 14:45	1.25	D	04		Lay down directional tools, stab, 3 - 9" dc's and 9 5/8" mud motor
	14:45 - 16:15	1.50	D	04		Flow ck. OOH Well static Pull wear bushing
	16:15 - 19:15	3.00	D	12		Safety meeting with Tesco Rig in Tesco casg. running tool
	19:15 - 22:30	3.25	D	12		Safety meeting, running csng, Run 9 5/8" casing, Circulate on joint #3 and joint #20, Hole quit displacing fluid on joint #36 @ 1647'
11/2/2008	22:30 - 00:30	2.00	DT	57		Fill pipe, try to circ. would not circ. Mix and pump 40 bbl LCM pill while working pipe, Partial returns on up stroke and staying full going down. but would not circ.
	00:30 - 02:45	2.25	DT	57		Build volume from pre-mix and mix LCM pill, 45 vis, 9.8 wt. and 10% LCM
	02:45 - 03:15	0.50	DT	57		Pump pill and establish circulation
	03:15 - 06:00	2.75	DT	57		Run 9 5/8" casing, Hole quit displacing jt. # 47 @ 2158', Pump LCM pill and establish circ. lost 75 bbls, Cont. running csng.
	06:00 - 12:00	6.00	D	12		Run 9 5/8 surface casg. to 4851'
	12:00 - 12:15	0.25	D	18		Safety meeting Running casg.
	12:15 - 14:15	2.00	D	12		Cont. running casg. Ran 118 jts. 9 5/8" N80 40# LT&C casg. Length with FS & FC @ 5426.75'
	14:15 - 16:30	2.25	DT	57		Circ. casg. Adding LCM to mud system to combat losses
	16:30 - 17:00	0.50	D	12		Rig out Tesco casg. running tool
	17:00 - 17:45	0.75	D	08		Cont. circ. casg. Wash last 4 jts. casg. to btm.
11/3/2008	17:45 - 18:00	0.25	D	18		Safety meeting with Halliburton
	18:00 - 21:45	3.75	D	14		Rig in Halliburton cementers Cmt'd casg. w/ 20 bbl. 10ppg Super flush 101 - SBM followed by 10 bbls. water followed by 830 sx (520.3 bbls.) 11ppg Varicem (TM) cement followed by 270 sx (55.7 bbls.) 15.8ppg Premium - class "G" cmt. Cmt. volumes based on gauge hole plus 100% excess in open hole Displaced cmt. with 408.5 bbls. 10 ppg drlg. mud Good returns thru out cmt'g & displacing Bump plug w/ 1100psi Floats held OK Plug down @ 2141 hrs. Nov.1 / 08 Had 150 bbls. good cmt. for returns No drop in annulus Shoe @5423' Float collar @ 5386'
	21:45 - 04:00	6.25	D	14		Wait on cmt. Four bolt flanges while W O C
	04:00 - 06:00	2.00	D	15		Unbolt and lift bop
	06:00 - 06:15	0.25	D	15		Safety meeting Lifting Bop's
	06:15 - 08:00	1.75	D	15		Nipple down and lift bop
	08:00 - 17:00	9.00	D	15		Cut off 9 5/8" & 13 3/8" casg. Make final cut on 9 5/8" casg. Weld on 10" 5k Weatherford casg. bowl Press. test weld to 1500 psi Install 13 5/8 x 13 5/8 5K B SPOOL Nipple bop back up
	17:00 - 02:15	9.25	D	09		Rig in Weatherford test unit Hold safety meeting Press. test casg. to 1500 psi 30 min. Ok Install Weatherford test plug Press. test well head flanges, both inner and outer choke & kill line valves, choke line & all choke manifold valves, pipe rams, blind rams , upper and lower kelly cocks



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2008	17:00 - 02:15	9.25	D	09		, stabbing valve & inside bop Inside bop not holding (will change it out) Annular preventor to 300psi low and 3750psi high All other tests 300psi low and 5000psi high 10 min. duration Acc. Ck Conduct 4 function test w/ acc. shut off Final acc. press. 2100 psi Reccharge to 3000 psi in 2 min. 58 sec's
	02:15 - 02:30	0.25	D	06		Rig Ser.
11/4/2008	02:30 - 05:00	2.50	D	15		Finish rigging in gas buster
	05:00 - 06:00	1.00	D	04		Make up BHA
	06:00 - 07:30	1.50	D	04		Cont. making up BHA
	07:30 - 12:00	4.50	D	04		Cont. RIH Tagged up at 5374'
	12:00 - 12:15	0.25	D	04		BOP drill Well secure in 115 sec's
	12:15 - 13:45	1.50	D	13		Drill out down to float collar at 5386' Drill plug, float collar, cmt., and float shoe from 5386' to 5423' Clean out down to 5430'
	13:45 - 14:30	0.75	D	03		Drill 8 3/4" hole f/ 5430' - 5440'
	14:30 - 15:15	0.75	D	08		Circ. hole clean
	15:15 - 16:00	0.75	D	09		Run FIT test equivalent to .8 psi / ft. Held good
	16:00 - 19:15	3.25	D	03		Drill f/ 5440' - 5628' Displace hole to water
	19:15 - 19:30	0.25	D	18		BOP drill Well secure in 98 sec's
	19:30 - 21:30	2.00	D	03		Drill f/ 5628' - 5754'
	21:30 - 21:45	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	21:45 - 22:45	1.00	D	03		Drill f/ 5754' - 5942'
11/5/2008	22:45 - 00:00	1.25	D	03		Acc. survey and connection time
	00:00 - 00:15	0.25	D	18		Safety meeting Rotary table
	00:15 - 03:45	3.50	D	03		Drill f/ 5942' - 6125'
	03:45 - 04:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	04:00 - 05:00	1.00	D	03		Drill f/ 6125' - 6252'
	05:00 - 06:00	1.00	D	03		Acc. survey and connection time
	06:00 - 11:15	5.25	D	03		Drill f/ 6250' - 6650'
	11:15 - 12:00	0.75	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Making mouse hole connections
	12:15 - 16:00	3.75	D	03		Drill f/ 6650' - 6923' Starting to see fair amount of gas at shakers on btms. up after connections
	16:00 - 16:30	0.50	D	06		Rig Ser. Install rotating head element
	16:30 - 17:00	0.50	D	03		Drill f/ 6923' - 6981' Had 5309 units connection gas
	17:00 - 17:30	0.50	D	03		Acc. survey and connection time
	17:30 - 18:45	1.25	D	03		Drill f/ 6981' - 7052' Had 10565 units connection gas Going thru gas buster 30' flare
11/6/2008	18:45 - 20:00	1.25	DT	55		Displace hole to 9.7 ppg drlg. mud Flow Ck. Well static
	20:00 - 23:00	3.00	D	03		Drill f/ 7052' - 7150'
	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety meeting Mouse hole connections
	00:15 - 01:15	1.00	D	03		Drill f/ 7150' - 7232'
	01:15 - 01:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	01:30 - 05:00	3.50	D	03		Drill f/ 7232' - 7480' Bk. grd. gas 200 units Connection gas 420 - 500 units
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 11:30	5.50	D	03		Drill f/ 7480' - 7732'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Replacing hyd. rams on cat walk
	12:15 - 18:00	5.75	D	03		Drill f/ 7732' - 8037'
	18:00 - 19:00	1.00	D	03		Acc. connection and survey time
	19:00 - 23:15	4.25	D	03		Drill f/ 8037' - 8400'
23:15 - 23:30	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's	



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Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/6/2008	23:30 - 00:00	0.50	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Long change
	00:15 - 02:30	2.25	D	03		Drill f/ 8400' - 8470'
	02:30 - 02:45	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	02:45 - 05:00	2.25	D	03		Drill f/ 8470' - 8660' Bk. Grd. gas 135 units Connection Gas 463 units
11/7/2008	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 10:15	4.25	D	03		Drill f/ 8660' - 8811'
	10:15 - 10:30	0.25	D	18		BOP Drill Well secure in 63 sec's
	10:30 - 11:45	1.25	D	03		Drill f/ 8811' - 8929'
	11:45 - 12:00	0.25	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety Meeting Boiler and steam hazards
	12:15 - 14:45	2.50	D	03		Drill f/ 8929' - 9036'
	14:45 - 15:00	0.25	D	06		Rig Ser. Function HCR o / c 3 sec's
	15:00 - 17:15	2.25	D	03		Drill f/ 9036' - 9200'
	17:15 - 18:00	0.75	D	05		Acc. connection and survey time
	18:00 - 23:00	5.00	D	03		Drill f/ 9200' - 9500' At 9250' down hole losses increased f/ 5-6 bph to 25 bph Increased lcm in sweeps f/ 40 ppb to 60 ppb
	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Loader inspection
00:15 - 04:45	4.50	D	03		Drill f/ 9500' - 9712' BGG 525 - 824 units Connection Gas 1800 units Pumping 5 bbls. w/ 60 ppb lcm sweeps every 30' Losses at present 6 - 10 bph	
11/8/2008	04:45 - 05:00	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 06:15	0.25	D	05		Acc. connection and survey time
	06:15 - 09:15	3.00	D	03		Drill f/ 9712' - 9755' Bit started slowing down at 9735'
	09:15 - 10:30	1.25	D	08		Circ. btms. up
	10:30 - 12:00	1.50	D	04		Flow Ck. Pull 5 std's Flow Ck. Well static Pump trip pill Cont. POH w/ bit #5
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping out of hole
	12:15 - 17:30	5.25	D	04		Cont. POH with bit #5 Flow Ck'd at 5423', 750', OOH Well Static
	17:30 - 19:15	1.75	D	05		Function blind rams c / o 4 sec's Change bits, Ck. float, Change out washed mule shoe, Surface test MWD
	19:15 - 23:15	4.00	D	04		RIH w/ bit # 6 to casg. shoe at 5430' Fill dp and circ. btms. up 480 units gas
	23:15 - 23:30	0.25	D	06		Rig Ser.
	23:30 - 00:00	0.50	D	06		Slip and cut drill line
	00:00 - 00:15	0.25	D	18		Safety meeting Slip and cut drill line
	00:15 - 00:45	0.50	D	04		Change quill on top drive
	00:45 - 01:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
11/9/2008	01:00 - 02:00	1.00	D	04		RIH to 5755'
	02:00 - 02:15	0.25	D	05		Pulse test MWD
	02:15 - 04:30	2.25	D	04		RIH to 9600'
	04:30 - 05:00	0.50	D	07		Wash & ream f/ 9600' - 9755' Had 4' fill
	05:00 - 05:30	0.50	D	08		Circ. out trip gas thru gas buster 11972 units 25' flare
	05:30 - 06:00	0.50	D	03		Drill f/ 9755' - 9757'
	06:00 - 11:00	5.00	D	03		Drill f/ 9755' - 9854'
	11:00 - 12:00	1.00	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting House cleaning
	12:15 - 12:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:30 - 16:15	3.75	D	03		Drill f/ 9854' - 9995'
	16:15 - 17:00	0.75	D	05		Acc. connection and survey time



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Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/9/2008	17:00 - 19:30	2.50	D	03		Drill f/ 9995' - 10040'	
	19:30 - 20:15	0.75	DT	56		Work tight hole on connection Back reamed f/ 10040' up to 9969' Worked this area several times before making connection	
	20:15 - 20:30	0.25	D	05		Acc. survey time	
	20:30 - 23:00	2.50	D	03		Drill f/ 10040' - 10106'	
	23:00 - 23:30	0.50	D	06		Rig Ser. Change out rotating head element	
	23:30 - 00:00	0.50	D	05		Acc. connection and survey time	
	00:00 - 00:15	0.25	D	18		Safety meeting Changing out rotating head element	
	00:15 - 02:00	1.75	D	03		Drill f/ 10106' - 10170'	
	02:00 - 06:00	4.00	DT	55		Circ. out gas kick, going thru gas buster Mud wt. in 10.3 ppg out 10.2 ppg Raising mud density to 10.8 - 11 ppg At 0600 hrs. Mud wt. in 10.8 PPG Out 10.2 ppg Lost 85 bbls. drlg. mud down hole in last 1 hr. Adding 60 - 70 PPB LCM to mud system to combat losses to form. At present gas reading staying around 8500 - 9000 units	
11/10/2008	06:00 - 10:00	4.00	DT	55		Cont. circulating thru gas buster raising mud density f/ 10.3 to 11 ppg Adding 70 ppb lcm to mud system to combat lost circ. At 1000 hrs. had 10.8 ppg mud wt. Flare went out Mud tank volume returned to normal Flow Ck. well static	
	10:00 - 11:15	1.25	D	03		Drill f/ 10170' - 10199'	
	11:15 - 12:00	0.75	D	03		Acc. connection and survey time	
	12:00 - 12:15	0.25	D	18		Safety meeting Mixing mud	
	12:15 - 12:45	0.50	D	03		Drill f/ 10199' - 10204'	
	12:45 - 06:00	17.25	DT	55		Circ. thru gas buster 11000 units gas Slowly raising mud wt. while adding lcm for losses Having to raise mud wt. very slow The slightest increase in mud wt. increases losses to form. Cont. circulating, building volume, adding lcm and adding cal. carb. and barite Mud losses in last 24 hrs. 884 bbls. At 0600 hrs. mud wt. IN 11.7 ppg Out 11.6 ppg Very minor losses to form. since 0030 hrs. Still have 12 - 15 flare	
11/11/2008	06:00 - 12:00	6.00	DT	57		Cont. circulating, slowly raising mud wt. to 12 ppg As mud wt. neared 11.7ppg in and 11.6 ppg out, losses started increasing and finally lost comp. returns Attempt to fill annulus pumped 20 bbls. drlg. mud No sign of returns Shut well in while building mud volume Lost 622 bbls. drlg. mud while circulating and attempting to wt. up SICP 0 psi	
	12:00 - 12:15	0.25	DT	57		Safety meeting Bop tagging	
	12:15 - 16:00	3.75	DT	57		Leave well shut in while rebuilding mud vol. Recieved 430 bbls. 11.7 ppg drlg. mud from Pioneer 59	
	16:00 - 16:15	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's	
	16:15 - 16:45	0.50	DT	57		Open Bop Work drill string Pipe is free Rack one std. in derrick Bit depth @10107'	
	16:45 - 23:15	6.50	DT	57		Shut well back in, while cont. to rebuild mud vol.	
	23:15 - 02:15	3.00	DT	57		Open well Pumped down dp to ck. if bit was plugged Pumped thru bit with no problem Attempt to top fill annulus Annulus full after pumping 6.60 bbls. Go down dp Got circ. back after pumping 12 bbls. Cont. circulating (pumped 35 bbl. 80 ppb lcm sweep around) Had 8900 units gas on btms. up Lost total of 335 bbls. mud since circulation was regained	
		02:15 - 05:15	3.00	DT	57		Mix up 220 bbls.w/ 80 ppb lcm Pump and spot leading edge of lcm pill at 6100' Pill covers 3800' in annulus Shut down and let lcm pill feed into thief zone Lost 70 bbls. mud while spotting lcm pill Total losses 405 bbls. Had 12.3 ppg mud in and 12.1 ppg mud out Flare went out and casg. press. returned to normal
		05:15 - 06:00	0.75	DT	57		Cont. circulating Monitoring losses and gas on btms. up
	11/12/2008	06:00 - 07:45	1.75	DT	57		Bit depth @ 10107' Circ. across well head thru trip tank , monitoring mud



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Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/12/2008	06:00 - 07:45	1.75	DT	57		losses Well static
	07:45 - 17:00	9.25	D	04		POH with bit # 6 Hole tight f/ 10107' up to 9280' Pulling 20 - 30000 over string wt. Rest of the trip out went Ok Flow CK'd at 10107', 9280', 7508', 5360', 723', OOH Trip Record Cal. 104.17 bbls. Act. 152.60 bbls. Diff. + 48.43 bbls. Flow CK' for 1 hr. while preparing to run in with bit #7 Well static Layed down all directional tools & two TBR's
	17:00 - 17:15	0.25	D	06		Rig Ser. Function blind rams c / o 4 sec's
	17:15 - 18:00	0.75	DT	60		Change out brk. out line Repair link tilt warning system on top drive
	18:00 - 22:15	4.25	D	04		Make up 8 3/4" retip mill tooth bit RIH; Flow Check @ 777' & 5413'.
	22:15 - 23:00	0.75	D	08		Inatll RBOP; Break Circ & Circ Bttms Up; Lost returns after 640 strokes.
	23:00 - 23:15	0.25	D	06		Rig Service; Function Annular 23secs c/o
	23:15 - 00:00	0.75	D	04		Cont to RIH to 6350'; monitor well conditions, returns while RIH.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping in Hole
	00:15 - 01:15	1.00	D	04		Cont to RIH to 7227'; Fill Pipe @ 7227'. Cont to RIH to 7901'.
	01:15 - 02:00	0.75	DT	60		Work on Top Drive; Cables on Top Drive were loose and shorted - repaired.
	02:00 - 03:15	1.25	D	04		Cont to RIH; Float paddle stuck @ 8600' showing flow @ 19%, Shut-in well and check surface press = 0; Work float paddle free, Flow Check and cont to RIH to 8892' - Hit Bridge.
	03:15 - 05:30	2.25	DT	57		Ream from 8892' - 9032' while mixing, pumping & spotting high conc. LCM pill from 9032'-8940'.
11/13/2008	05:30 - 06:00	0.50	DT	57		Losses started @ 10bph and increased to 180bph while mixing & spotting LCM.
	06:00 - 06:30	0.50	DT	57		Pull to 8873' andf monitor well on Trip Tank.
	06:30 - 15:00	8.50	DT	57		Cont. observing well Circ. across well head with trip tank pump Well at present is static
						Start circ. at 60 spm (6.09 bpm) Full returns for first 20 mins. then returns started dropping off After pumping for 35 mins. lost complete returns Shut down pump and went back to circulating accross well head with trip tank pump Well took 12 bbls. mud then gradually went static
						Cont. observing well while rebuilding premix With premix ready, started to spot 35 bbls. Of 90 ppb lcm in annulus Unable to get mud pumps to work
						Clean out suction on both pumps (Clean out completely blocked suction, remove suction and discharge screens) Cont. with spotting lcm pill Shut down and let form. heal Rebuild premix
	15:00 - 16:00	1.00	D	06		Precision safety superintendants (Jay Brosseau & Dan Lundstrom) inspected drilling rig and held extended safety meetings with all crew members
	16:00 - 00:00	8.00	DT	57		Let form. heal for 4 hrs. Start pump at 60 spm Full returns for 45 mins. Returns were up and down for the next 60 min. (continually adding high concentration of lcm while pumping) Losses after pumping for 120 mins. were very minimal Cont. circulating and adding LCM; WWork Pipe from 8842' - 8935'.
	00:00 - 00:15	0.25	DT	57		Hold Safety Mtg: Mixing Chemicals.
	00:15 - 02:15	2.00	DT	57		Cont Mixing high concentrations of LCM; Slowly work pumps up to 95 spm @ 400 gpm; Losses continued to slow rate. Wellbore stabilized with no losses for 45 mins.
02:15 - 06:00	3.75	DT	56		Start reaming and washing from 8935'- 9250'; Monitor hole losses, Cont. to mix LCM (fine CaCO3 and Fibre seal) while reaming.	
11/14/2008	06:00 - 07:00	1.00	DT	56		Cont. washing and reaming f/ 9250' - 9290' Gas increasing f/ 700 units to 11000 units Circ. thru choke manifold and gas buster
	07:00 - 08:15	1.25	DT	57		Clean out shale and lcm f/ both mud pumps, sand trap, mud tank troughs and gas buster



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 Contractor Name: PRECISION
 Rig Name: PRECISION
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 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2008	08:15 - 11:30	3.25	DT	56		Cont. wash and ream f/ 9290' - 9378'
	11:30 - 12:15	0.75	D	08		Circ. out 11500 units gas thru choke manifold and gas buster
	12:15 - 15:45	3.50	D	07		Cont. wash and ream f/ 9378' - 10204'
	15:45 - 16:30	0.75	DT	57		Clean out shale and lcm f/ both mud pumps
	16:30 - 19:00	2.50	D	08		Circ. cond. mud and hole Initially had a lot of larger pieces of sloughing shale coming out of hole Hole gradually cleaned up Gas has dropped to 18 - 150 units Had very minor mud losses in last 12 hrs.
	19:00 - 00:00	5.00	D	04		Flow Check @ 10193'; POOH for Wiper Trip to Csg Shoe. Flow Checks @ 9722', 8776', 7374'. Hole slightly Tight for 1st 7stds (max 30000# over) then good.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Tripping
	00:15 - 00:45	0.50	D	04		Cont. to Wiper Trip to Csg Shoe; Flow Check @ 5389'
	00:45 - 01:00	0.25	D	06		HOLE FILL: Calc: 44.45bbbls Act: 49.1bbbls Diff: +4.65bbbls
	01:00 - 01:15	0.25	D	04		Rig service; Add oil to Top Drive.
	01:15 - 01:30	0.25	D	18		RIH from 5389' - 5463'
	01:30 - 05:45	4.25	D	04		Held BOP Trip Drill: Crew in position & Well Secure in 2mins 15secs.
	05:45 - 06:00	0.25	D	08		Cont. to RIH from 5463' - 9977'; Wash 3 stds to Bttm from 9977'-10204'.
	06:00 - 07:15	1.25	D	04		Circulate Hole Clean prior to tripping for Logs.
11/15/2008	06:00 - 07:15	1.25	D	04		Cont. RIH f/ 5463' - 10190' Fill dp at 7869' Wash & ream f/ 10190' - 10204' Had 15' fill
	07:15 - 09:15	2.00	D	08		Circ. cond. mud and hole Had 8788 units gas on btms. up, decreasing to 289 units after 2 hrs.
	09:15 - 12:00	2.75	D	04		POH to 9754' Flow Ck. Pump trip pill Cont. POH to 7500'
	12:00 - 12:15	0.25	D	04		Safety meeting Tripping dp
	12:15 - 12:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:30 - 17:30	5.00	D	04		Cont. POH Flow Ck' at 5445', 727', OOH Well static
						HOLE FILL: Calc: 106.03bbbls Act: 131.7bbbls Diff: 25.67bbbls
						STRAP: Tally: 10229.81' Strap: 10224.68' Diff: -5.13'
	17:30 - 00:00	6.50	D	11		Hold pre job safety meeting Rig in Schlumberger; RIH w/ Log Run #1: PEX-HRLA-BHC-GR.
						Hit Ledges from 8843' to 9289', could not pass 9289'; Log out as per Program.
11/16/2008	00:00 - 00:15	0.25	D	11		Held Safety Mtg: Tripping in Hole
	00:15 - 02:30	2.25	D	11		Finish Log Run #1 & R/O Schlumberger Wireline Logs.
	02:30 - 06:00	3.50	D	04		M/U Rerun MT Bit & RIH for Clean Out. Fill Pipe & Flow Check as req.
	06:00 - 09:00	3.00	D	04		Cont to RIH for Clean Out Trip; Fill Pipe & Flow Check as req.
	09:00 - 12:00	3.00	D	07		Fill Pipe & Break Circ @ 8696'; Ream & Wash from 8698' - 9126'.
	12:00 - 12:15	0.25	D	18		Safety Mtg:
	12:15 - 17:30	5.25	D	07		Cont to Ream & Wash to Bttm from 9126' - 10204'; Tough, hard reaming from 9250'-9900'; Better hole conditions above & below. Max Gas: 10238 units while reaming below 10100'.
	17:30 - 18:00	0.50	D	06		Rig Service; Function Pipe Rams: 5secs c/o
	18:00 - 19:30	1.50	D	08		Condition mud and circulate/Monitor gains and losses/Monitor Gas
	19:30 - 00:00	4.50	DT	56		Back ream to 8803'. TOH to 8337'
	00:00 - 04:45	4.75	DT	56		TIH. Wash and ream from 9,232' to 10,200'. Hard reaming from 9232' to 9475'. No losses.
	04:45 - 05:00	0.25	D	06		Lubricate rig, Function pipe 5 second C/O
	05:00 - 06:00	1.00	DT	56		Condition mud and circulate/Monitor gains and losses/Monitor Gas
	06:00 - 09:45	3.75	DT	56		Pull 15 Std Wiper Trip; Flow Check off Bttm & 8813'; RIH from 8813' - 10204'; Some tight spots from 9350-9800'. Work Pipe through tight sections, able to RIH w/ no reaming.
11/17/2008	09:45 - 12:00	2.25	DT	56		Circ & Cond Mud & Hole; Pump 2 high Vis sweeps back-to-back; Monitor



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Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/17/2008	09:45 - 12:00	2.25	DT	56		Hole for losses - Well Static.	
	12:00 - 12:15	0.25	D	04		Held safety Mtg: Lay Down Drill Pipe.	
	12:15 - 16:00	3.75	DT	56		Pull 15 Std Wiper Trip: Backream out of Hole to 8809'; Flow Check & RIH; One tight section from 9255'-9258' had to work through.	
	16:00 - 16:15	0.25	D	06		Rig Service; Service Top Drive; Function Pipe Rams-5secs c/o	
	16:15 - 17:30	1.25	D	08		Circ & Cond Mud & Hole. Spot 30bbl High Vis Pill on Bttm prior to POOH	
	17:30 - 18:45	1.25	D	04		POOH & L/D 5" Drill Pipe. Flow check. Pull rotating head.	
	18:45 - 00:00	5.25	D	04		Lay down drill pipe. Flow check.	
	00:00 - 00:15	0.25	D	06		Safety meeting on cutting drilling line.	
	00:15 - 01:00	0.75	D	04		Lay down drill pipe.	
	01:00 - 01:45	0.75	D	06		Cut drilling line.	
	01:45 - 02:00	0.25	D	06		Lubricate rig, function annular - 23 second C/O. Adjust brakes.	
	02:00 - 06:00	4.00	D	04		Lay down drill pipe.	
	11/18/2008	06:00 - 08:45	2.75	D	04		Cont to POOH & L/D Drill String, including BHA.
		08:45 - 09:15	0.50	D	12		Pull Wear Bshg.
09:15 - 12:00		2.75	D	12		R/U Tesco Top Drive Casing Running Tool.	
12:00 - 12:15		0.25	D	18		Held Pre-Job Safety Mtg: Running Casing w/ Top Drive Casing Tool.	
12:15 - 12:45		0.50	D	12		Finish R/U Tesco Top Drive Casing Running Tool.	
12:45 - 16:30		3.75	D	12		Make Up Float Shoe, Shoe Jnt, Float Collar & single above with Threadlock to Max Torque" 9960 ft.lbs; Run 7", 29lb, P110, LT&C Casing as per program. Opt. Torque: 7970 ft.lbs	
16:30 - 17:30		1.00	DT	60		Repair broken hose on Pipe Skate.	
17:30 - 22:30		5.00	D	12		Cont to RIH with 7" Casing as per Program.	
22:30 - 23:00		0.50	DT	60		Replace hydraulic hose on pipe skate.	
23:00 - 00:00		1.00	D	12		Cont to RIH with 7" Casing as per Program.	
00:00 - 00:15		0.25	D	18		Safety Meeting on Running casing.	
00:15 - 02:45		2.50	D	12		Cont to RIH with 7" Casing as per Program.	
02:45 - 03:15		0.50	D	08		Fill pipe and circulate bottoms up @ shoe.	
03:15 - 03:30		0.25	D	06		Lubricate rig.	
03:30 - 04:00	0.50	DT	67		Problems releasing Tesco running tool.		
04:00 - 06:00	2.00	D	12		Cont to RIH with 7" Casing as per Program.		
11/19/2008	06:00 - 12:00	6.00	D	12		Run 227 Jnts, 7", 29 lb, P110, LT&C New Casing. Total Length: 10199.7'. landed @ 10199.7'.	
	12:00 - 12:15	0.25	D	14		Safety Mtg: Cement Casing.	
	12:15 - 13:00	0.75	D	12		Washed to Bttm from 9803' - 10204'; 12' fill on Bttm.	
	13:00 - 14:45	1.75	D	12		L/d tag Jnts & P/U landing Jnt.	
	14:45 - 15:30	0.75	D	08		Circ & cond Hole for Cmtg; Work casing while circulating.	
	15:30 - 15:45	0.25	D	06		Rig service.	
	15:45 - 16:30	0.75	D	08		Circulate Mud and circulate/monitor gains and losses/monitor gas. PJSM with Tesco, Schlumberger, Precision crews, and Drilling Supervisors.	
	16:30 - 18:00	1.50	D	14		N/D Tesco Top Drive Casing Running Tool & N/U Schlumberger Cement Head & lines. Pressure test lines to 5000#.	
	18:00 - 20:15	2.25	D	14		Cement w/ Schlumberger: Cement 7" intermediate casing with 40 Bbl. Mudpush, @ 12.2 ppg, 650 sx. TXI + Adds tail (Yield = 2.16 H2O = 11.488 Gallons per sk. @ 12.5 ppg.) Displace with 376 bbls. of drilling mud @ 12.1 ppg, 46 visc. Full returns through 290 Bbls. displacement. Lost full returns. Circulating pressure prior to loss 892#, dropped to 458# after loss. Bumped plug @ 56#. Pressured to 550#. Released pressure. Float held.	
	20:15 - 00:00	3.75	D	14		WOC. Monitor well.	
	00:00 - 00:15	0.25	D	18		Safety meeting	
	00:15 - 01:00	0.75	DT	52		Top fill annulus (between 7" and 9 5/8" casing) with trip tank. Total volumn 16 Bbls.	



EL PASO PRODUCTION

Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2008	01:00 - 06:00	5.00	D	10		Nipple down BOPE.
11/20/2008	06:00 - 09:00	3.00	D	10		N/D 13 5/8" 5000# BOP Stack.
	09:00 - 09:15	0.25	D	06		Rig Service.
	09:15 - 12:00	2.75	DT	53		Install Primary Seal, Tbg Spool & attempt to Press Test - Failed.
	12:00 - 12:15	0.25	D	10		Safety MTG: Rig Up BOP's.
	12:15 - 14:00	1.75	DT	53		Cont. to attempt to Press Test Primary Seal - Failed. N/D Tbg Bonnet, Remove H-Plate and take for machining and re-install. Measurements show the Primary Seal is incorrect size and would not seal. Wait on Weatherford Engineering for final resolution.
	14:00 - 14:15	0.25	D	06		Rig service.
	14:15 - 00:00	9.75	DT	53		Wait on return of machined wellhead component; Re-Install, take measurements and 2 primary seals would not fit in Csg Bowl. Wait on Weatherford Engineering for resolution.
	00:00 - 00:15	0.25	DT	53		Safety Meeting on nipple up.
	00:15 - 06:00	5.75	DT	53		Weatherford took packing assembly to machine shop and machined bottom packing assembly. Assembly was brought back to the rig, Tubing head installed, and attempted to pressure test. Top seal assembly failed at 3500#. Top assembly sent to machine shop after trying to locate a 7" top assembly.
11/21/2008	06:00 - 09:00	3.00	DT	53		Continue to wait on Weatherford to re-machine secondary seal & return to location.
	09:00 - 10:30	1.50	D	10		N/U Primary Seal, Tbg Spool & Secondary Seal & P/T to 5000psi for 10mins: OK
	10:30 - 01:00	14.50	D	10		N/U 7-1/16" 10K BOP Stack.
	01:00 - 01:15	0.25	D	18		PJSM with crew members and Weatherford on pressure testing.
	01:15 - 03:30	2.25	D	15		Tighten flange on BOPE. Rig up tester. Change out 2" bull plug. Pick up joint with test plug.
	03:30 - 04:15	0.75	D	09		Pressure test.
	04:15 - 06:00	1.75	DT	67		Weatherford tester connected below test plug. Bent joint of drill pipe. Change out joint of DP. Wait on seal rings from Weatherford for test plug.
11/22/2008	06:00 - 08:00	2.00	DT	54		Test Tool seal Failed; Wait on New seal from Weatherford.
	08:00 - 12:00	4.00	D	09		Pressure Test BOP's: Test UPR, LPR, Annular, HCR, Choke & Kill Lines & Valves, Upper & Lower Kelly Valves, Stabbing & Inside BOP Valves to LOW: 300psi for 5mins/ea & HIGH: 10,000psi for 10 mins/ea. Test Kelly Hose, Standpipe, Mud Line & manifold Valves back to Pump: LOW: 300psi & HIGH: 4000psi.
	12:00 - 12:15	0.25	D	09		Safety Mtg: Press Testing.
	12:15 - 18:30	6.25	D	09		Continue Press Test as above. Test Casing to 2500psi for 30mins.
	18:30 - 19:15	0.75	D	09		Perform accumulator function test: Start pressure 3050 psi; Perform 5 function test: Close Annular: 15 seconds; 2325 psi; Close top pipe rams: 3 seconds; 2195 psi. Close bottom pipe rams: 3 seconds; 2065 psi. Open top pipe rams: 3 seconds; 1935 psi. Close HCR: 2 seconds; 1900 psi - Final Pressure. Recharge time 1 minute 0 seconds. Pre charge pressure: 1150 psi. Total time to recharge total system from 0 pounds: 4 minutes 45 seconds. Pre charge pressure 3050 psi.
	19:15 - 00:00	4.75	D	09		Pressure test choke manifold; Low 300 psi for 5 minutes ea. and High: 10,000 psi for 10 minutes ea. Hook up flow line. Stabilize and center BOP stack. Valve in manifold did not test. Change "O" rings in valves. Drain stack and blow through choke manifold.
	00:00 - 00:15	0.25	D	04		PJSM on picking up drill pipe.
	00:15 - 05:00	4.75	D	04		Pick up 25 stands (75 joints) of drill pipe.
	05:00 - 06:00	1.00	D	04		TOH with drill pipe. Stand back in derrick. Pick up BHA.
11/23/2008	06:00 - 12:00	6.00	D	04		P/U & M/U Ulterra PDC Bit, straighten Mud Motor offset to Zero & M/U



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/23/2008	06:00 - 12:00	6.00	D	04		MWD Tool; P/U remainder of BHA as per Program & RIH to 934'.
	12:00 - 12:15	0.25	D	18		Safety Mtg: BOP Drill
	12:15 - 12:30	0.25	D	06		Rig Service; Function UPR: 4secs.
	12:30 - 00:00	11.50	D	04		Strap & P/U 4" Drill Pipe & RIH to 8409'. Fill pipe @ 3108', 5632', and 7686'
	00:00 - 00:15	0.25	D	18		Safety meeting: Weekend awareness and hand injuries.
	00:15 - 05:00	4.75	D	04		Strap & P/U 4" Drill Pipe & RIH to . Fill pipe @ 9894'.
	05:00 - 05:15	0.25	D	06		Rig Service. Function UPR 5/5 OC.
11/24/2008	05:15 - 06:00	0.75	D	07		Wash down from 9900'.
	06:00 - 09:00	3.00	D	13		Wash & Ream from 9952'-10135' (cmt stringers & sheath). Drill out Cmt, Float Collar, Shoe Jnt & Float Shoe from 10135'-10192', Drill Cmt from 10192'-10204'.
	09:00 - 12:00	3.00	D	03		Drill 6-1/8" Hole f/ 10204' - 10283'.
	12:00 - 12:15	0.25	D	18		Held BOP Drill: Well secure & crew in position: 92secs. Safety Mtg on BOP Drills / Tension Limiter
	12:15 - 15:30	3.25	D	03		Drill 6-1/8" Hole f/ 10283' - 10397'.
	15:30 - 15:45	0.25	D	06		Rig service; Function Annular: 23secs c/o. Grease Crown Blocks.
	15:45 - 17:30	1.75	D	03		Drill 6-1/8" Hole f/ 10397' - 10491'.
	17:30 - 18:00	0.50	D	03		Work pipe for connection/Survey/Time Accum.
	18:00 - 21:30	3.50	D	03		Drill 6 1/8" hole f/ 10491' - 10623'.
	21:30 - 21:45	0.25	D	03		Work pipe for connection/Survey/Time Accum.
	21:45 - 00:00	2.25	DT	55		Took a kick @ 10623'. Pick up and shut well in. SICP 2400# SIDPP 550#.
	00:00 - 00:15	0.25	D	06		Circulated out kick and raise mud wt. to 12.9# / Gallon.
	00:15 - 04:00	3.75	DT	55		SAFETY Meeting: Working @ heights above 6'. Circulate and condition mud. Raise mud wt. up to 12.9#. Monitor gains and losses. Well dead.
11/25/2008	04:00 - 04:15	0.25	D	06		Rig Service.
	04:15 - 06:00	1.75	DT	55		Circulate and condition mud. Monitor gains and losses.
	06:00 - 08:45	2.75	DT	55		Circ & Cond Mud; Bckgrnd Gas @ 1600 units. Cont to even mud wt. @ 12.9ppg throughout system, lower bckgrnd gas to below 100units.
	08:45 - 09:15	0.50	DT	55		Flow Check @ 10617"; Blow down lines to Manifold & all Lines & Valves in Manifold & Degasser.
	09:15 - 11:45	2.50	D	03		Drill 6-1/8" Hole f/ 10623' - 10720'.
	11:45 - 12:00	0.25	D	05		Accumulated Survey & Connection Time.
	12:00 - 12:15	0.25	D	18		Safety Mtg: Mixing Chemicals & Proper PPE
	12:15 - 13:15	1.00	D	03		Drill 6-1/8" Hole f/ 10720' - 10775'.
	13:15 - 13:30	0.25	D	06		Rig Service; Function LPR: 4secs c/o.
	13:30 - 17:00	3.50	D	03		Drill 6-1/8" Hole f/ 10775' - 10945'
	17:00 - 18:00	1.00	DT	64		Work Pipe, attempt to Survey, Tool not responding.
	18:00 - 18:15	0.25	D	03		Drill 6-1/8" Hole f/ 10945' - 10952'.
	18:15 - 23:00	4.75	DT	57		Drilled into fracture; Lost total returns. Mix & spot LCM Pill on Bttm; Build Mud Volume & Wt to 13.4ppg. Gas break out @ surface.
	23:00 - 00:00	1.00	DT	55		Shut well in - Monitor Pressures: SIDPP: 0 SICP= 692
	00:00 - 00:15	0.25	DT	55		Safety Mtg: Well Control & Mixing Mud
00:15 - 00:30	0.25	DT	55		Cont to monitor well in Choke Manifold.	
00:30 - 00:45	0.25	D	06		Rig service; Function Annular: 14secs.	
00:45 - 02:15	1.50	DT	55		Circ out High Gas Cut Mud from annulus; (45+ ft Flare). Mix & Build Premix & LCM Pill.	
02:15 - 03:00	0.75	DT	57		Shut well in to Cond Mud; 10.4ppg coming well & lightening up system.	
03:00 - 05:00	2.00	DT	55		Mix all surface mud to 13.4ppg; Monitor well on closed choke. Break circ & circ bttms up through degasser, Flare out & no more gas to surface, Losing Mud @ 2bbl/min. Shut down due to loss of surface volume.	
05:00 - 06:00	1.00	DT	57		Shut well in - due to loss of surface mud. Build Volume & Wt system to	



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/25/2008	05:00 - 06:00	1.00	DT	57		13.4ppg. Re-build Premix & build LCM Pill to spot on btm.
11/26/2008	06:00 - 11:15	5.25	DT	57		Rebuild surface volume, while monitoring well After 6 hrs. sidpp & sicp 0 psi
	11:15 - 11:30	0.25	DT	57		Pull 1 std. dp Bit depth @ 10857'
	11:30 - 12:15	0.75	DT	57		Spot 35 bbl. 100 ppb lcm on btm. Regained circ. after pumping 131 bbls. (20 - 30% returns) LCM pill in place 1215 hrs. Had 5 - 10' lazy flare while circulating
	12:15 - 13:15	1.00	DT	57		Pull 8 std's dp up to casg. shoe at 10200' Unable to fill hole with trip tank pump (pumps to slow to keep up with losses)
	13:15 - 13:30	0.25	DT	57		Safety meeting Mixing chemicals
	13:30 - 17:45	4.25	DT	57		With bit at 10200' Shut in and monitor dp & cg. press. Let form. heal
	17:45 - 18:00	0.25	DT	57		Rig Service; Function LPR: 4secs c/o.
	18:00 - 19:15	1.25	DT	57		Cont to monitor well on Choke while Shut-In.
	19:15 - 23:00	3.75	DT	57		Attempt to Top fill with Hole Fill pump; Pump 14.9bbls, No Returns, Top Fill through Kill Line w/ Pump, pump 2.8bbls to returns. Tot Top Fill: 17.7bbls, Drop in Annulus: 819.5'. Circ across top of Hole and monitor losses: 16bph losses.
	23:00 - 00:00	1.00	DT	57		Pump 33bbls 100ppb LCM Pill & Spot in Annulus, Chase with 25ppb CaCO3 Drlg Mud. Pump across Top of Flowline to monitor losses: Well took 42bbls to get returns and then lost 10bbls while spotting LCM Pill.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Communication between personnel.
	00:15 - 06:00	5.75	DT	57		Circ across top of flowline & Monitor Losses @ 30bph. Shut well in to allow for LCM Pill to stabilize formation & monitor for Pressure; Open Well & Fill each 30mins: 1st Fill: 13bbls; 2nd Fill: 12bbls; 3rd Fill: 11bbls, 4th Fill: 10bbls; 5th Fill: 9bbls; 6th Fill: 12bbls; 7th Fill: 16bbls; 8th Fill: 12bbls; 9th Fill: 14bbls. Total Volume Lost while monitoring after spotting LCM Pill: 109 bbls.
11/27/2008	06:00 - 08:15	2.25	DT	57		Cont. monitoring well Top fill every 30 min. Hole taking 14 - 15 bbls. drlg. mud every 30 min. Losses have not slowed down since pill #4 was spotted at 2400 hrs.
	08:15 - 09:15	1.00	DT	57		Pump 35 bbls. 100 ppb lcm (345 stks.) displaced out of drill string w/ 108 bbls. (1061 stks.) of 13.4 ppb drlg. mud Lost 88 bbls. drlg. mud while pumping and displacing lcm pill Regained 20 - 30% circ. after pumping 43 bbls. (424 stks.) Pill #5 in place @0915 hrs.
	09:15 - 12:00	2.75	DT	57		Monitor well Top filling every 30 min. Well still taking 14 - 15 bbls. every 30 min.
	12:00 - 12:15	0.25	DT	57		Safety meeting Steam lines
	12:15 - 14:00	1.75	DT	57		Cont. monitoring well After 4.5 hrs. losses staying at 14 - 15 bbls. every 30 min.
	14:00 - 22:00	8.00	DT	57		POH w/ drlg. assembly. Break down TBR's & Bit; Pull MWD Tool & Rack Dir BHA in Derrick. HOLE FILL: Calc: 70.8bbls Act: 432bbls Diff: 361.2 bbls
	22:00 - 00:00	2.00	DT	57		Make Up Re-run Security EBXS30SR Insert Bit & RIH.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Pulling & Setting Slips
	00:15 - 06:00	5.75	DT	57		Cont to RIH w/ Rerun 6-1/8" Insert Bit.
11/28/2008	06:00 - 11:00	5.00	DT	57		Cont. trip in hole w/ RR#10 to 10414' Slight bridging Hole taking 50 bbl./ hr. while tripping in hole
	11:00 - 12:00	1.00	DT	57		Wash & ream slight bridges from 10414' - 10952' Had 6' fill on btm. Lost 130 bbl. mud while cleaning to btm. Had 5236 units gas on btms. up
	12:00 - 12:15	0.25	DT	57		Safety meeting: Pulling DP slips
	12:15 - 12:30	0.25	DT	57		Rig Service: Function LPR: 4secs c/o
	12:30 - 23:00	10.50	D	03		Drill 6-1/8" Hole f/ 10952' - 10981'.



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2008	12:30 - 23:00	10.50	D	03		Mix & Pump 100ppg CaCO3 w/ 20ppb Fibre Seal, Magma Fibre, Cottonseed Hulls while drilling. Losses slowed to 10-12bph while drilling. Mix & Spot another 100ppb CaCO3 (4 sizes: 2000, 1000, 250 & 40) w/ 20ppb Fibre Seal, Magma Fibre & Cottonseed Hulls (5ppb of each size) @ 10981' prior to tripping.
	23:00 - 00:00	1.00	DT	57		POOH from 10981 to 10470'; Flow Check @ 10953', 10470'.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Tripping Hazards.
	00:15 - 04:15	4.00	DT	57		Cont. to POOH. from 10470' - 5629'; Flow Check @ 8861' & 5629'.
	04:15 - 04:30	0.25	DT	57		Rig Service; Function UPR: 5secs c/o.
	04:30 - 06:00	1.50	DT	57		Cont. to POOH f/ 5629'
11/29/2008	06:00 - 07:45	1.75	DT	57		Cont. POH w/ RR #10 Flow ck'd as required Hole fill : Act. 75.2 bbls. Cal. 70.8 bbls. Diff. + 4.4 bbls.
	07:45 - 08:45	1.00	DT	57		Function blind rams c / o 4 sec's Prepare floor to pick up 2 7/8" tubing
	08:45 - 12:00	3.25	DT	57		Pick up 26 jts. 2 7/8" fibre glass tubing (length w/ 2 - xo subs 764.57') Run tubing in hole on 4" dp to 1048'
	12:00 - 12:15	0.25	DT	57		Safety meeting Picking up tubing
	12:15 - 12:30	0.25	DT	57		Rig Ser.
	12:30 - 16:15	3.75	DT	57		Cont. running in hole to casg. shoe @10200' Install rotating head element
	16:15 - 16:30	0.25	DT	57		Brk. circ. Ck. to ensure cmt'g string is clear
	16:30 - 17:15	0.75	DT	57		Cont. RIH to 10595'
	17:15 - 19:15	2.00	DT	57		Circ. btms. up Work cmt'g string f/ 10595' - 10690' Had 9237 units gas on btms. up
	19:15 - 20:15	1.00	DT	57		Cont. washing down f/ 10690' - 10945'.
	20:15 - 21:45	1.50	DT	57		R/ U Schlumberger Cmtg; Hold Pree-Job Safety Mtg & Cement. Pump 5.0bbls H2O Spacer, Mix & Pump 245sxs, 50bbls Class "G" + D013 + D065 @ 15.8ppg. Yield: 1.16 ft3/sx. Displace w/ 2.0bbls H2O Spacer & 88bbls Drlg Mud. Total Volume Pumped: 57bbls; Total Volume Returned: 40bbls; Total Volume Lost to Hole: 17bbls.
						NOTE: Setting Time: 5.5 Hrs ; Compressive Strength: 12 Hrs: 800psi, 24 Hrs: 2400pis
						36 Hrs: 3800
	11/30/2008	21:45 - 00:00	2.25	DT	57	
00:00 - 01:00		1.00	DT	57		Break Circ & Circ Btms Up @ 8969'; No Cmt contamination at Surface.
01:00 - 06:00		5.00	DT	57		POOH w/ Cmtg String; Flow Checks @ 8953', 5617'.
06:00 - 07:30		1.50	DT	57		Cont. POH w/ cmt'g string to 764' Flow ck. Well static
07:30 - 09:45		2.25	DT	57		Lay down 26 jts. 2 7/8" fibre glass tubing
09:45 - 10:00		0.25	DT	57		Flow Ck. OOH Function blind rams c / o 4 sec's
10:00 - 12:00		2.00	DT	57		Make up PDC RR #11, directional tools & RIH to 1027' Shallow test MWD Ok
12:00 - 12:15		0.25	DT	57		Safety meeting Tripping
12:15 - 12:30		0.25	DT	57		Rig Ser. Function upr c / o 4 sec's
12:30 - 16:30		4.00	DT	57		Cont. RIH to 8100'
16:30 - 16:45		0.25	DT	57		Install rotating head element
16:45 - 22:00		5.25	DT	57		Wash thru slight cmt. stringers f/ 8100' - 9100'; RIH to 9470'; Wash & Ream through Cmt Stringers from 9470;-10019'.
22:00 - 23:15		1.25	DT	57		Drill Cmt from 10019'-10109'; Had Soft Cmt from 10019'-10045', then hard Cmt from 10045'-10109'.
23:15 - 00:00		0.75	DT	57		Slip & Cut Drlg Line.
00:00 - 00:15	0.25	DT	57		Safety Mtg: Slip & Cut Drlg Line.	
00:15 - 01:15	1.00	DT	57		Slip & Cut Drlg. Line.	
01:15 - 01:30	0.25	DT	57		Rig Service; Function UPR: 5secs c/o.	
01:30 - 04:45	3.25	DT	57		Drill Cmt from 10109' - 10204'.	



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Spud Date: 8/20/2008
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/30/2008	04:45 - 05:15	0.50	DT	57		Transfer Mud due to Wt & Switch Pumps.
	05:15 - 06:00	0.75	DT	57		Drill hard Cmt f/ 10204' - 10255'
12/1/2008	06:00 - 08:00	2.00	DT	57		Cont. drilling out cmt. plug f/ 10255' - 10300' Hard cmt.
	08:00 - 11:30	3.50	DT	56		Work tight hole f/ 10300' up to 10232' Ream and reream this section for 2.5 hrs. Hole gradually getting better Casg. shoe at 10192' Make connection & attempt to continue drlg. cmt. Not making any head way No diff. press. on motor
	11:30 - 12:00	0.50	DT	57		Circ. btms. up
	12:00 - 12:15	0.25	DT	57		Safety meeting : Weekend awareness: Previous Incidents & Safety Attitude.
	12:15 - 15:15	3.00	DT	57		Flow Check @ 10041'; Static. Pump trip pill ; Pull RBOP; POH w/ failed motor to 5171' & Flow Check.
	15:15 - 15:30	0.25	DT	57		Rig Service; Function Annular: 23secs c/o.
	15:30 - 18:00	2.50	DT	57		Cont. to POOH; Flow Check @ BHA; Pull & L/D Drlg Jars.
	18:00 - 20:00	2.00	DT	57		Cont. to Pull BHA; Check Motor: Failed; Break & L/D Motor, P/U New Motor & Set to straight.
						Function Blind Rams: 5secs c/o.
						HOLE FILL: Calc: 67.5bbbls Act: 82.0bbbls Diff: 14.5bbbls
	20:00 - 21:00	1.00	DT	57		Wait on Bit from Pioneer 59 Rig.
	21:00 - 00:00	3.00	DT	57		M/U New Ulterra MT 1355CDS Bit & RIH to 2650'; P/U new Drlg Jars.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Spinning Chain Use
	00:15 - 05:15	5.00	DT	57		Cont to RIH f/ 2650' - 10143'.
	05:15 - 06:00	0.75	DT	57		Install RBOP; Break Circ & Wash f/ 10143' - 10235'; Ream Stringers f/ 10235' - 10290'.
12/2/2008	06:00 - 06:15	0.25	DT	57		Cont. washing & reaming f/ 10290' - 10300'
	06:15 - 07:45	1.50	DT	57		Drill firm cmt. f/ 10300' - 10395'
	07:45 - 08:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	08:00 - 11:30	3.50	DT	57		Drill firm cmt. f/ 10395' - 10773'
	11:30 - 12:00	0.50	DT	57		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Operating skate
	12:15 - 14:15	2.00	DT	57		Drill firm cmt. f/ 10773' - 10862' Then there was no cmt. f/ 10862' - 10976' (Had a couple of cmt. stringers at 10872' and 10956') Continued drilling cmt. and cleaning down f/ 10976' - 10981' At 10981' started loosing returns Lost 32 bbls. in 20 min.
	14:15 - 16:15	2.00	DT	57		Stop drilling and switch over to tank 5 & 6 which has 25# / bbl. lcm Cont. circ. at 25 spm adding 3 sizes of cal. carb. along with fibre seal and cotton seed hulls Circ. with 50% returns, by passing shale shakers Regained near full returns after 2 hrs. Lost total of 71 bbls.
	16:15 - 00:00	7.75	D	03		Drill 6.125" hole f/ 10981' - 11119'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Man Rider Operation & Use.
	00:15 - 02:30	2.25	D	03		Drill 6-1/8" Hole f/ 11119' - 11151'.
	02:30 - 02:45	0.25	D	06		Rig Service; Function UPR: 5secs c/o.
	02:45 - 06:00	3.25	D	03		Drill 6-1/8" Hole f/ 11151' - 11190'.
						NOTE: Connection @ 11147' had 9823 units Gas on btms up, Bckd Gas staying @ 600-800units; Slowly raising wt. to 13.8ppg over 2 circs. Hit Drilling Break @ 11155.5' - 11157' and lost 20 bbls of Mud; then losses stopped.
12/3/2008	06:00 - 12:00	6.00	D	03		Drill 6.125" hole f/ 11190' - 11245'
	12:00 - 12:15	0.25	D	18		Safety meeting Confined space
	12:15 - 12:30	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	12:30 - 00:00	11.50	D	03		Drill f/ 11245' - 11405'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Setting Crwon Saver.
	00:15 - 02:15	2.00	D	03		Drill 6-1/8" Hole f/ 11405' - 11431'.



EL PASO PRODUCTION

Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/3/2008	02:15 - 02:30	0.25	D	06		Rig Service; Function LPR: 5secs c/o & Function UPR: 5secs c/o.
	02:30 - 06:00	3.50	D	03		Drill 6-1/8" Hole f/ 11431' - 11477'.
12/4/2008	06:00 - 11:30	5.50	D	03		Drill 6.125" hole f/ 11477' - 11550'
	11:30 - 12:00	0.50	D	08		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Rolling casg.
	12:15 - 12:30	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	12:30 - 00:00	11.50	D	03		Drill 6-1/8" Hole f/ 11550' - 11667'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Driving Home.
	00:15 - 05:15	5.00	D	03		Drill 6-1/8" Hole f/ 11667' - 11715'.
	05:15 - 05:30	0.25	D	06		Rig Service; Function UPR: 5secs c/o.
	05:30 - 06:00	0.50	D	03		Drill 6-1/8" Hole f/ 11715' - 11716'.
12/5/2008	06:00 - 09:00	3.00	D	03		Drill 6.125" hole f/ 11716' - 11736' TD
	09:00 - 10:00	1.00	D	08		Circ. btms. up
	10:00 - 12:00	2.00	D	04		POH up to casg. shoe at 10192'
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping
	12:15 - 15:00	2.75	D	04		RIH to 11556' Wash 180' to btm. Had 2' fill Hole cond. good on wiper trip
	15:00 - 17:00	2.00	D	08		Circ. cond. mud and hole Had 2329 units gas on btms. up
	17:00 - 23:45	6.75	D	04		POOH to Log; Flow Check @ 11718', 11301', 6761'
	23:45 - 00:00	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping
	00:15 - 04:30	4.25	D	04		Cont to POOH to 3117'; Flow Check @ Top of BHA: 944' OOH. L/D HWDP, 9-DC's & Dir BHA; Rack 9-DC's in Derrick. HOLE FILL: Calc: 75.6bbbls Act: 86bbbls Diff: 10.4bbbls STRAP: Tally: 11812.23' Strap: 11823.89 Diff: 11.66'
	04:30 - 04:45	0.25	D	06		Rig Service; Function UPR: 4secs, LPR: 4secs, Blind Rams: 4secs c/o.
	04:45 - 05:30	0.75	DT	68		Wait on Schlumberger Logging Unit.
	05:30 - 06:00	0.50	D	11		R/U Schlumberger Loggers: Run #1: BHC-BEX-HRLA-CAL-GR
12/6/2008	06:00 - 12:00	6.00	D	11		Run BHC-BEX-HRLA-CAL-GR w/ Schlumberger On btm. 1315 hrs. Loggers Td @ 11715' Appears to be 21' of fill Schlumberger picked up 7" casg. shoe at @ 10186' 6' shallower than run tally !
	12:00 - 12:15	0.25	D	11		Safety meeting Running casg.
	12:15 - 15:00	2.75	D	11		Cont. running BHC-BEX-HRLA-CAL-GR Logging Engineer reporting open hole quite sticky Rig out loggers
	15:00 - 15:30	0.50	D	06		Rig Service.
	15:30 - 16:00	0.50	D	12		Rig Up Frank's Westrate Power Tongs.
	16:00 - 16:45	0.75	DT	60		Reapair Hydraulic Pipe Skate on rig
	16:45 - 20:00	3.25	D	12		Safety Mtg & Run 42 Jnts; 13.5#, P-110, LT&C, New 4-1/2" Liner. Total length: 1821.75' Liner Hangar: 22.30'
	20:00 - 20:30	0.50	D	12		Rig Out Frank's Power Tong Unit.
	20:30 - 00:00	3.50	D	12		Run 4-1/2" Liner on DP. Circ Liner capacity & Fill every 10 stds.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Running Liner
	00:15 - 04:15	4.00	D	12		Cont. to run Liner on DP; Fill every 10 stds.
	04:15 - 04:30	0.25	D	06		Rig service; Function UPR: 5secs c/o
	04:30 - 06:00	1.50	D	12		Cont. to RIH w/ Liner on DP; Fill DP every 10 stds.
12/7/2008	06:00 - 06:45	0.75	D	12		Cont. running 4 1/2" liner to casg. shoe at @ 10192'
	06:45 - 07:30	0.75	D	08		Install rotating head element Circ. btms. up Had 3160 units gas on btms. up
	07:30 - 09:30	2.00	D	12		Cont. running 4 1/2" liner f/ 10192' - 11200'
	09:30 - 16:30	7.00	D	08		Wash f/ 11200' - 11736' Had 50% losses while washing to btm. starting at 11200' Started going down hole with various sizes of cal. carb., fiber seal & cotton seed hulls Soon as lcm started comming up annulus,



EL PASO PRODUCTION

Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5	Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5	Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008
Contractor Name:	PRECISION	Rig Release:	12/10/2008
Rig Name:	PRECISION	Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/7/2008	09:30 - 16:30	7.00	D	08		losses started decreasing By 11420' losses were near 0 Cont. circulating cond. mud and hole Lost 406 bbls. drlg. mud while cleaning to btm. No losses for last 3 hrs.	
	16:30 - 17:00	0.50	D	14		Rig in Schlumberger and Howco cmt'g head Hold safety meeting	
	17:00 - 20:30	3.50	D	14		Cement w/ Schlumberger: Pump 20 bbl Mud Push II PreFlushg @ 13.9ppg. Mix & Pump 180sxs, Class "G", 50:50 GasBLOK + 90lb D035 + 31lb D046 + 895lb D066 + 470lb D154 + 46lb D198 + 23lb D202 + 121lb D400 14.1ppg Cement Slurry. Displaced w/ 20bbls 2% KCL + 20bbls 2% KCL & 50lbs D013 Retarder + 88.1 bbls 13.8ppg Drlg Mud. Bumped Plug @ 2534psi, 700pis over Final circ press @ 1803psi. Released Press, Floats Held: OK. Rupture Disk @ 5200psi, Set Hangar, pressure broke @ 6100psi. Pull off Liner: OK.	
	20:30 - 21:00	0.50	D	09		Perform Positive Pressure Test on Liner Lap: Initial Press: 1510psi Final Press: 1479psi in 20mins.	
	21:00 - 21:45	0.75	D	14		N/D Schlumberger & Halliburton Cmt Head & Equipment.	
	21:45 - 23:45	2.00	D	08		Displace Hole to 2% KCL Fluid. Dumped 71bbls highly cement contaminated drlg. mud.	
	23:45 - 00:00	0.25	D	09		Perform Negative Pressure Test on Liner lap: Initial Press: 0, Final Press: 0 in 17mins.	
	00:00 - 00:15	0.25	D	18		Safety Mtg: Lay Down Drill Pipe.	
	00:15 - 00:30	0.25	D	06		Rig Service.	
	00:30 - 05:45	5.25	D	04		Blow all Surface Equip; POOH & L/D Drill Pipe.	
	05:45 - 06:00	0.25	D	06		Rig Service; Function LPR & UPR: 4secs c/o.	
	12/8/2008	06:00 - 12:00	6.00	D	04		Cont. laying down 4" dp
		12:00 - 12:15	0.25	D	18		Safety meeting Laying down dp
12:15 - 12:45		0.50	D	04		Cont. laying down dp Lay down liner running tool	
12:45 - 16:15		3.50	D	04		Run in 3 std's Dc's & 17 std's dp from derrick Lay down same	
16:15 - 18:30		2.25	D	15		Remove Grant rotating head; Tear out Flare Lines & Manifold.	
18:30 - 20:30		2.00	D	17		R/U & Run PerfLog 3.5' OD Gauge Ring & Junk Basket.	
20:30 - 21:45		1.25	D	17		Wireline Depth: Top of Liner: 9906' Total Depth: 11654'.	
21:45 - 00:00		2.25	D	15		R/U & Run Baker Hughes retrievable Bridge Plug; set @ 78'.	
00:00 - 00:15		0.25	D	18		N/D 7-1/16" 10K BOP's complete.	
00:15 - 01:30		1.25	D	15		Safety Mtg: N/D BOP"s.	
01:30 - 03:15		1.75	D	17		Finish N/D 7-1/16" BOP Stack & related equip.	
03:15 - 03:30		0.25	D	06		P/U & N/U Completion BOP's.	
03:30 - 03:45		0.25	D	18		Rig Service.	
03:45 - 05:00	1.25	D	17		Safety Mtg: Baker Tool hand on Bridge Plug retrieval.		
12/9/2008	05:00 - 06:00	1.00	D	01		M/U Baker Retrieving Tool & retrieve Brdige plug; N/U Temporary suspension Cap on Completion BOP's.	
	06:00 - 09:30	3.50	D	01		Dump & Clean Mud Tanks; Pull Mouseholes, Tear down Sub Splash pan & Scaffolding.	
	09:30 - 10:00	0.50	D	01		Pull mouse holes Rig out drill floor	
	10:00 - 12:00	2.00	D	01		Slip drill line	
	12:00 - 12:15	0.25	D	01		Rig out top drive Cleaning out premix tank w/ vaccum truck	
	12:15 - 00:00	11.75	D	01		Safety meeting Rigging out top drive	
	00:00 - 00:15	0.25	D	01		Continue rigging out top drive Cleaning rig mud tanks w/ vaccum truck.	
	00:15 - 06:00	5.75	D	01		Rig out Rig Floor, Swivel & P/U DynaFlex. Tear apart Rotary Chain; Blow EIMaggo & Anti-Freeze; Clean Up Pipe Skate. Finsh cleaning Mud Tanks.	
	06:00 - 12:00	6.00	D	01		Safety Mtg: Overhead Loads.	
	12/10/2008	06:00 - 12:00	6.00	D	01		Continue to Rig Out Floor; Pull all Pason Cords. Rig out Choke & Flare lines & Manifold Shack. Start pulling Power Cords. Power wash Substructure. Start unstrapping Prefabs.
							Rig out racking floor Remove V door ramp and stairs Stairs going to



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name:	KOFFORD 2-36B5		Spud Date:	8/20/2008
Common Well Name:	KOFFORD 2-36B5		Start:	7/30/2008
Event Name:	DRILLING	End:	12/11/2008	
Contractor Name:	PRECISION	Rig Release:	12/10/2008	Group:
Rig Name:	PRECISION	Rig Number:	426	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2008	06:00 - 12:00	6.00	D	01		mud tank
	12:00 - 12:15	0.25	D	01		Safety meeting Rigging out
	12:15 - 23:00	10.75	D	01		Lay over racking floor Hook up bridle line Unhook and roll up all hydraulic lines Start undoing and removing wall tarps; Rig out Premix Tank; Cont to pull Power cords; Blow down Boiler & Shut-in. Rig out Mud Pumps; Anti-freeze all water & steam lines.
12/11/2008	23:00 - 06:00	7.00	D	01		Break Tour, Shut down for Night; Wait on Daylight
	06:00 - 07:00	1.00	D	01		Shut Down for Night; Wait on daylight.
	07:00 - 18:00	11.00	D	01		Cont Rigging out Precision 426; Finish Blowing all Steam & Water lines & Anti-Freeze; Drain Water Tank; Clean Out Boiler. Rig out all PreFabs. Take down all stairs to Rig; Prep Mud Tanks to Move; Lower derrick @ 16:00 Hrs 12/10/2008 and unstring Blocks.. Lower Degasser & water tank. Crane on Location @ 11:00 hrs to work with Crews. Move all Rig camp to Allen 3-7B4 & Rig Up same. RELEASE RIG @ 18:00 Hrs 12/10/2008.
	18:00 - 06:00	12.00	D	01		Shut Down for Night; Wait on Daylight

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: KOFFORD 2-36B5
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013339880000
3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202	PHONE NUMBER: 303 291-6417 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897 FSL 0991 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 36 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/10/2008	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

ATTACHED PLEASE FIND EL PASO DRILLING REPORT FOR SUBJECT WELL

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 11, 2010

NAME (PLEASE PRINT) Marie Okeefe	PHONE NUMBER 303 291-6417	TITLE Sr Regulatory Analyst
SIGNATURE N/A	DATE 2/11/2010	



EL PASO PRODUCTION

Page 1 of 20

Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/31/2008	06:00 - 06:01	0.02	D	18		Build Location
8/21/2008	06:00 - 06:01	0.02	D	18		SET 20"
8/28/2008	08:00 - 10:00	2.00	D	01		Move on ProPetro rig 5.
	10:00 - 21:30	11.50	D	03		Spud W/ 17.5 " bit and drill to 660'. Circ. bottom up.
	21:30 - 22:30	1.00	D	04		TOH to run csg.
	22:30 - 00:30	2.00	D	12		Run 14 jts of 13 3/8 " 54.5 lb, J-55, landed @ 626.9'.
	00:30 - 00:45	0.25	D	14		Rig cementers
	00:45 - 03:15	2.50	D	14		Cement w/ 600 sks "G" 2 % Cacl2 & 0.25 sks flozell. Plug down 03:11 hrs
10/12/2008	06:00 - 07:00	1.00	D	01		08/28/2008. float helt, 10 bbls cement returns
	07:00 - 07:30	0.50	D	01		Wait on day light
	07:30 - 19:30	12.00	D	01		Safety meeting with WestRoc Oilfiel Ser. Tearing out drlg. rig Load out Well site trailers and move to Kofford 2-36B5 Rig up trailers on new loc. Derrick down @ 1700 hrs. Trailers hooked up by 1500 hrs.
10/13/2008	19:30 - 06:00	10.50	D	01		W O Day Light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crews
	07:30 - 15:45	8.25	D	01		Cont. rigging down Unpin top 2 sections of derrick, set on trailer w/ travelling blocks and drlg. line spool (did not unstring travelling blocks) Cont. unpinning derrick, remove and send back mud cleaner and vaccum degasser to Zeco in Vernal
	15:45 - 19:00	3.25	DT	67		While attempting to pull draw works back over centre using the rigs loader, the stinger (which was not locked into operating position) came off striking Darrel Sauer (rig manager) Ambulance was called to loc. Darrel was taken to Roosevelt medical centre, where he was checked out and found to have several broken ribs, broken pelvis and broken right femur With these extensive injuries he was air lifted to Salt Lake City for further treatment Rig move was shut down for the remainder of the day , while statements were taken from all witnesses to the accident
10/14/2008	19:00 - 06:00	11.00	DT	67		Wait on day light
	06:00 - 07:00	1.00	DT	67		Wait on day light
	07:00 - 07:30	0.50	DT	67		Safety meeting w/ rig movers & drlg. crews
	07:30 - 19:30	12.00	D	01		Cont. dismantling derrick Load out mud tanks, mud pumps and all support buildings Clean up and load out all available matting Haul all available loads to new loc.
10/15/2008	19:30 - 06:00	10.50	D	01		Shut down Wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crew
	07:30 - 19:30	12.00	D	01		Unable to get hydraulic system to work (system used to lower draw works) Prepare draw works to be removed by crane Draw works down at 1400 hrs. Lower draw works elevating system using 2 cranes Cont. dismantling derrick
10/16/2008	19:30 - 06:00	10.50	D	01		Wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:30	12.00	D	01		Spot matting (sub base , mud tank area) Spot and pin together sub structure Raise A legs Level sub base Set in and pin draw works & lifting system Hydraulic technician trouble shooting & making repairs to hydraulic system Put up prefabs around draw works, dog house area Pin derrick together, install all spreaders in derrick Spot and level all support buildings Spot mud pumps, mud tanks and Bos premix tank
10/17/2008	19:30 - 06:00	10.50	D	01		Shut down wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/17/2008	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers and rig crews
	07:30 - 19:30	12.00	D	01		Install hydraulic pump & ck. out hydraulic unit Raise & pin draw works (no problems) Hook up bridle line Prepare & ck. out derrick Set in place cable trays and suit cases Run and hook up all electric cables, air lines, fuel lines, etc. Start assembling wind wall (prefab) frame (large jig saw puzzle) Cont. with general rig up Will raise derrick in AM Keeping 1 crane on loc. to finish rigging up
10/18/2008	19:30 - 06:00	10.50	D	01		Shut down wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:00	11.50	D	01		Install new winch on monkey board Repair & clean derrick lights Grease all sheaves in derrick Raise derrick, up at 1305 hrs. Set racking platform in place & put on prefabs before rasing Set all stairs and cat walk in place Cont. with general rig up
10/19/2008	19:00 - 06:00	11.00	D	01		Shut down Wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ crane operator & rig crews
	07:30 - 12:00	4.50	D	01		Cont. assembling roof over mud tanks & mud pumps Welding crew fafricating & making modifications to prefab structure
10/20/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up structure for winterization
	12:15 - 06:00	17.75	D	01		Rig in hydraulic unit & drill floor Rig in top drive Cont. with general rig up
	06:00 - 06:15	0.25	D	01		Safety meeting Rigging in top drive
	06:15 - 12:00	5.75	D	01		Cont. rigging in top drive & service loop Rig up drill floor Install splash pan and scaffolding
10/21/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up wind wall structure
	12:15 - 17:00	4.75	D	01		Hook up bop hoses Circ. water thru out rig (repaired a few leaks) Cont. working on mud tank cover
	17:00 - 20:15	3.25	D	10		Cut off conductor pipe and 13 3/8" casg. Weld on 13 3/8" x 13 5/8" 5k Weatherford casg. bowl Pressure test weld to 4000 psi for 15 min. Ok
	20:15 - 00:00	3.75	D	10		Nipple up 13 5/8" 5k class V Bop & manifold system
	00:00 - 00:15	0.25	D	15		Held Safety Mtg: P/U & N/U BOP's and Rotating Head.
	00:15 - 06:00	5.75	D	10		Nipple Up 13 5/8" 5k Class V BOP's, Choke & Kill Lines, Manifold Lines & Rotating Head.
	06:00 - 06:15	0.25	D	15		Safety meeting Nippling up bop
	06:15 - 10:00	3.75	D	15		Cont. nippling up 13 5/8" Bop
10/22/2008	10:00 - 13:00	3.00	D	18		All Precision, Elpaso and service personel attended prespud meeting at community centre in Duchene
	13:00 - 22:00	9.00	D	15		Cont. hooking up choke and kill line, Install new Choke & Kill Line 10K Flex hoses.
	22:00 - 00:00	2.00	D	15		Rig Up Choke Line to Manifold Shack. Hook up Hyd. Lines on BOP's.
	00:00 - 00:15	0.25	D	15		Held Safety Mtg on N/U Press Test.
	00:15 - 01:15	1.00	D	15		Function Test Accumulator, Annular, HCR, Pipe & Blind Rams; Blind Rams had a faulty union on ram body.
	01:15 - 06:00	4.75	D	15		Cont. to Torque all BOP equipment Bolts; Move 10K 7-1/16" Stack, P/U mouseholes and prep rig floor to Press Test
	06:00 - 06:15	0.25	D	09		Safety meeting Press. testing
	06:15 - 12:00	5.75	D	09		Rig in Weatherford press. tester Press. test casg. to 1000 psi Install weatherford test plug Press. test blind rams, well head flanges, both choke and kill line valves, choke line, all choke manifold valves Screw back into test plug and press test pipe rams, annular preventor, stabbing valve and inside bop Press. tested mud line back to mud pumps Test pressures 300psi low and 5000psi high 10 min. duration Repaired 3



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/22/2008	06:15 - 12:00	5.75	D	09		minor leaks on choke line Annular tested to 300psi low and 3750psi high 10 min. duration Conduct 4 function test with acc. shut off Final acc. press. 1800psi Recharge to 3000psi in 2min. 25 sec's
	12:00 - 12:15	0.25	D	10		Safety meeting
	12:15 - 12:45	0.50	D	09		Install wear bushing
	12:45 - 15:45	3.00	D	10		Rig in relief line f/ choke manifold to reserve pit and flare tank
	15:45 - 00:00	8.25	D	01		Continue to R/U and Prep to Spud: Finish installing Flare Lines & Flare Stack, Install Turnbuckles on Torque Tube, Install Line Spooler and Hook up Fill Up Lines.
	00:00 - 00:15	0.25	D	06		Safety Mtg: Slip & Cut Drilling Line, P/U BHA.
	00:15 - 01:00	0.75	D	06		Perform Precision Pre-Spud Inspection.
	01:00 - 03:00	2.00	D	06		Slip & Cut Drlg Line.
	03:00 - 06:00	3.00	D	04		M/U PDC Bit #1: MS1677BZ and P/U BHA.
	10/23/2008	06:00 - 10:15	4.25	D	04	
10:15 - 10:30		0.25	D	06		Rig Service
10:30 - 16:00		5.50	D	13		Drill out cmt. f/ 546' - 608' (hard cmt. / slow drilling) Drill out plug, float collar & cmt. to 638'
16:00 - 17:45		1.75	DT	54		Install rotating head riser ext. Clamp holding ext. in place was rusted solid Work on clamp for 30 min. to get it freed up Realign torque tube Was not aligned properly, pushing drill string against rotary table bushings
17:45 - 18:30		0.75	D	13		Cont. drlg. out cmt. f/ 638' to 660'.
18:30 - 23:00		4.50	D	03		Drill 12 1/4" Hole f/ 660' - 941'
23:00 - 23:15		0.25	D	18		Held BOP Drill: Well secure & Crew in positions: 108secs. Function Pipe Rams: 6secs c/o
23:15 - 23:30		0.25	D	03		Drill 12 1/4" Hole f/ 941' - 1011'
23:30 - 00:00		0.50	D	05		Accumulated Survey & Connection Time.
00:00 - 00:15		0.25	D	18		Held Crew Safety Mtg: Making mousehole Connections.
10/24/2008	00:15 - 02:15	2.00	D	03		Drill 12 1/4" Hole f/ 1011' - 1263'
	02:15 - 02:30	0.25	D	06		Rig Service; function Annular: 15secs c/o
	02:30 - 06:00	3.50	D	03		Drill 12 1/4" Hole f/ 1263' - 1584'.
	06:00 - 12:00	6.00	D	03		Drill f/ 1584' - 2156'
	12:00 - 12:15	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:15 - 12:30	0.25	D	18		Held Safety Mtg: Steam Use.
	12:30 - 20:30	8.00	D	03		Drill 12 1/4" Hole f/ 2156' - 2940'; Well Flow increased.
	20:30 - 21:30	1.00	DT	55		Well Flowing @ 15%; Shut well in & Monitor pressures: 50psi max SIP; Install Rotating Head.
	21:30 - 00:00	2.50	D	03		Drill 12 1/4" Hole f/ 2940' - 3020'; Slowed Rotary for rough hole conditions. Monitor well on connections: flowing @ 150 gpm.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Well Control.
10/25/2008	00:15 - 02:00	1.75	D	03		Drill 12 1/4" Hole f/ 3020' - 3090'.
	02:00 - 02:15	0.25	DT	55		Flow Check well @ 3090': Well Flowing @ 160+ gpm.
	02:15 - 02:30	0.25	D	03		Drill 12 1/4" Hole f/ 3090' - 3093'.
	02:30 - 03:00	0.50	DT	55		Shut well in: SIP: 60 psi; Mix surface mud for displacing.
	03:00 - 03:45	0.75	D	03		Drill 12 1/4" Hole f/ 3093' - 3100'; Dispalce hole to 8.9# Mud.
	03:45 - 04:00	0.25	DT	55		Flow Check well once hole displaced to 8.9# Mud: Well Static.
	04:00 - 05:00	1.00	D	18		Change out Shaker Screens.
	05:00 - 06:00	1.00	D	03		Drill 12 1/4" Hole f/ 3100' - 3130'
	06:00 - 06:45	0.75	D	03		Drill f/ 3130' - 3153'
	06:45 - 07:00	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
07:00 - 11:45	4.75	D	03		Drill f/ 3153' - 3274'	
11:45 - 13:15	1.50	DT	60		Repair hydraulic hose on top drive	
13:15 - 13:30	0.25	D	03		Safety meeting Bop drills	



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 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/25/2008	13:30 - 15:15	1.75	D	03		Drill f/ 3274' - 3320'
	15:15 - 15:45	0.50	D	08		Circ. btms. up
	15:45 - 22:00	6.25	D	04		Flow Ck. Static POH 5 std's Flow Ck. Pump trip pill Cont. POH w/ bit #1
	22:00 - 22:30	0.50	D	04		Break & L/D MWD Tool; Break off Bit. Flow Check out of Hole: Well Static. Function Test Blind Rams: 5secs c/o.
	22:30 - 23:00	0.50	D	04		M/U New Bit: MS-1677DU & Run in Hole to top of MWD.
	23:00 - 00:00	1.00	D	06		Rig Service; Service Top Drive; Function Pipe Rams: 5secs c/o. Clean Up Rig Floor for Tripping.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping.
	00:15 - 05:00	4.75	D	04		M/U new MWD Tool & RIH; Flow Check @ BHA- Well Static, Pulse Test MWD: OK; Cont to RIH w/ Bit #2; Fill Pipe Break Circ & Wash to Bttm f/ 2994' - 3320': 2' Fill on Bttm.
	05:00 - 06:00	1.00	D	03		Break in Bit & Drill 12 1/4" Hole f/ 3320' - 3363'.
	10/26/2008	06:00 - 12:00	6.00	D	03	
12:00 - 12:15		0.25	D	18		Safety meeting Weekend Awareness
12:15 - 16:45		4.50	D	03		Drill f/ 3612' - 3740'
16:45 - 17:00		0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
17:00 - 22:30		5.50	D	03		Drill f/ 3740' - 3869'.
22:30 - 23:30		1.00	DT	60		Replace #2 Pump washed Pop Valve Housing.
23:30 - 00:00		0.50	D	05		Accumulated Survey and Connection Time.
00:00 - 00:15		0.25	D	18		Safety Mtg: Weekend Awareness
00:15 - 03:45		3.50	D	03		Drill f/ 3869' - 3932'.
03:45 - 04:00		0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
10/27/2008	04:00 - 06:00	2.00	D	03		Drill f/ 3932' - 3970'
	06:00 - 10:30	4.50	D	03		Drill f/ 3970 - 4060' Drill f/ 3970' - 4006' w/ 1 pump at 120 spm (546 gpm) while waiting on new pop valve
	10:30 - 12:00	1.50	D	03		Acc. connection & survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Lock out procedudres
	12:15 - 13:30	1.25	D	03		Drill f/ 4060' - 4090'
	13:30 - 14:00	0.50	DT	65		Blew pop valve Reset Pump press. has increased f/ 2500psi to 2800 - 3500 psi after pop valve blew Appears something was sucked thru nozzles when pop valve blew ?
	14:00 - 15:30	1.50	D	03		Drill f/ 4090' - 4114'
	15:30 - 16:00	0.50	D	06		Rig Ser. Function annular preventor c / o 12 sec's Ck. crown saver
	16:00 - 17:15	1.25	D	03		Drill f/ 4114' - 4142' Pop valve blew Unable to continue drilling due to increasing pump pressure
	17:15 - 00:00	6.75	DT	62		Flow Check on Bttm; Pull 5 std's; Flow Check & Pump Pill; Cont. to POOH Flow Check @ 2213'; top of BHA & Out of Hole. Function Blind Rams: 6secs c/o.
10/28/2008	00:00 - 00:15	0.25	DT	62		Safety Mtg.
	00:15 - 02:30	2.25	DT	62		Pull & L/D MWD Tool: OK; Check Motor - Brgs very Ruogh, Break Bit - Nozzles plugged with Motor stator rubbers. L/D Mud Motor. Monitor well on Trip Tank: Well Static.
	02:30 - 03:00	0.50	DT	62		Rig Service; Function Pipe Rams: 5secs c/o.
	03:00 - 05:30	2.50	DT	62		Wait on 8" Mud Motor from Vernal.
	05:30 - 06:00	0.50	DT	62		P/U Smith MDI 716 & 8" Mud Motor.
	06:00 - 08:45	2.75	DT	62		RIH w/ bit #3 Flow ck. at casg. shoe @ 660' Well static Cont. RIH to 935' Unable to ck. Mwd Mud going over rotating head
	08:45 - 09:45	1.00	DT	62		Install rotating head element Ck. Mwd OK
	09:45 - 10:45	1.00	DT	62		Cont. RIH to 3324' Hit bridge
	10:45 - 12:00	1.25	DT	56		Wash and ream intermittent bridges f/ 3324' - 3744'
	12:00 - 12:15	0.25	DT	62		Safety meeting Tripping in hole



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/28/2008	12:15 - 15:00	2.75	DT	56		Cont. washing & reaming f/ 3744' - 4142'
	15:00 - 21:30	6.50	D	03		Drill 12 1/4" Hole f/ 4142' - 4356'.
	21:30 - 21:45	0.25	D	06		Rig Service; Function Annular: 22 secs c/o
	21:45 - 23:30	1.75	D	03		Drill 12 1/4" Hole f/ 4356' - 4422'.
	23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection Time.
	00:00 - 00:15	0.25	D	18		Held Safety Mtg;
	00:15 - 01:30	1.25	DT	60		Circ hole while cleaning out each pump; check all valves on each due to pressure loss. Clean out plugged up valves as required.
	01:30 - 04:45	3.25	D	03		Drill 12 1/4" Hole f/ 4422' - 4479'.
	04:45 - 05:00	0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
	05:00 - 06:00	1.00	D	03		Drill 12 1/4" Hole f/ 4479' - 4500'.
10/29/2008	06:00 - 11:30	5.50	D	03		Drill f/ 4500' - 4575'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Mouse hole connections
	12:15 - 15:15	3.00	D	03		Drill f/ 4575' - 4604'.
	15:15 - 15:45	0.50	DT	64		Attempt to Survey; Tool Failed.
	15:45 - 19:30	3.75	D	03		Drill 12 1/4" Hole f/ 4604' - 4644'.
	19:30 - 20:15	0.75	D	08		Circ Btms up prior to Tripping.
	20:15 - 20:30	0.25	DT	64		Attempt to Survey; Tool failed.
	20:30 - 00:00	3.50	D	04		Trip for Bit due to PR: Flow Check on Bttm: well static; Pull 5 stds; Flow Check: well static; Pump Pill & Cont to POOH; Flow Check @ 2336'; @897'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: L/D & P/U Mud Motors
00:15 - 02:00	1.75	D	04		Finish POOH to Bit. Hole Fill: Calc: 59.07 bbls Act: 71.85 bbls Diff: 12.78 bbls	
02:00 - 04:00	2.00	D	04		Pull MWD; Break Bit/L/D 8" Mud Motor. Flow Check while out of Hole: Well Static. Function Blind Rams: 5secs c/o. P/LJ 9- 5/8" Mud Motor.	
04:00 - 05:00	1.00	DT	64		Muleshoe in UBHO Sub washed out; Change out same.	
10/30/2008	05:00 - 06:00	1.00	D	04		M/U Reed DSX70HF-GV ; Install new MWD Tool & RIH.
	06:00 - 08:00	2.00	D	04		Finish running in with BHA
	08:00 - 09:15	1.25	D	05		Flow Ck. Install rotating head element Pulse test MWD
	09:15 - 10:15	1.00	D	06		Slip and cut drill line
	10:15 - 12:00	1.75	D	04		RIH to 4511'
	12:00 - 12:15	0.25	D	06		Safety meeting Loader operations
	12:15 - 13:30	1.25	D	07		Wash and ream f/ 4511' - 4644' No noticeable fill on on btm.
	13:30 - 17:00	3.50	D	03		Drill f/ 4644' - 4706' Drig. brk. 4677' - 4706' Pent. rate increased f/ 10' / hr. to 102' / hr.
	17:00 - 18:15	1.25	DT	56		Work tight hole f/ 4706' up to 4650' Worked tight hole numerous times till hole freed up
	18:15 - 21:00	2.75	D	03		Drill f/ 4706' - 4765'.
21:00 - 21:15	0.25	D	06		Rig Service; function Annular: 23 secs c/o	
21:15 - 23:30	2.25	D	03		Drill 12 1/4" Hole f/ 4765' - 4840'	
23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection	
00:00 - 00:15	0.25	D	06		Held safety Mtg: Rig Servicing	
00:15 - 03:30	3.25	D	03		Drill 12 1/4" Hole f/ 4840' - 4955'	
03:30 - 03:45	0.25	D	06		Rig Service.	
03:45 - 06:00	2.25	D	03		Drill 12 1/4" Hole f/ 4955' - 5075'.	
10/31/2008	06:00 - 10:15	4.25	D	03		Drill f/ 5075' - 5260'
	10:15 - 11:15	1.00	D	05		Acc. survey time
	11:15 - 12:00	0.75	D	03		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Driving crew truck
	12:15 - 17:15	5.00	D	03		Drill f/ 5260' - 5430' Casg. Pt.
	17:15 - 18:15	1.00	D	08		Circulate and condition mud



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2008	18:15 - 18:30	0.25	D	05		Survey @ 5361' was inc. 1.0 az 187.2
	18:30 - 23:45	5.25	D	04		Wiper trip up to shoe @ 660', pull rot. rubber and flow check @ 5289' well static, flow check @ 4952', well static, pump pill, Pull tight @ 4889', back ream out to 4693'. Flow check @ 4026' well static, pump pill, Flow check @ 2618' and 819', well static
	23:45 - 00:00	0.25	D	06		Service rig, function pipe rams, 4 sec. C/O
	00:00 - 00:15	0.25	D	18		Safety Meeting
	00:15 - 05:30	5.25	D	04		TIH, Flow check @ 2725', well static, install rot. head and fill pipe, Cont. TIH, wash and ream f/ 4495' to 5075' and wash last 2 stands to bottom. Circulate and cond. hole for casing
11/1/2008	05:30 - 06:00	0.50	D	08		Circ. cond. mud & hole
	06:00 - 07:30	1.50	D	08		POH w/ bit #4 Pull 5 std's Flow ck. Well static Pump trip pill Cont.
	07:30 - 13:30	6.00	D	04		POH flow Ck. at 2600', 903'
	13:30 - 14:45	1.25	D	04		Lay down directional tools, stab, 3 - 9" dc's and 9 5/8" mud motor
	14:45 - 16:15	1.50	D	04		Flow ck. OOH Well static Pull wear bushing
	16:15 - 19:15	3.00	D	12		Safety meeting with Tesco Rig in Tesco casg. running tool
	19:15 - 22:30	3.25	D	12		Safety meeting, running casg, Run 9 5/8" casing, Circulate on joint #3 and joint #20, Hole quit displacing fluid on joint #36 @ 1647'
	22:30 - 00:30	2.00	DT	57		Fill pipe, try to circ. would not circ. Mix and pump 40 bbl LCM pill while working pipe, Partial returns on up stroke and staying full going down. but would not circ.
11/2/2008	00:30 - 02:45	2.25	DT	57		Build volume from pre-mix and mix LCM pill, 45 vis, 9.8 wt. and 10% LCM
	02:45 - 03:15	0.50	DT	57		Pump pill and establish circulation
	03:15 - 06:00	2.75	DT	57		Run 9 5/8" casing, Hole quit displacing jt. # 47 @ 2158', Pump LCM pill and establish circ. lost 75 bbls, Cont. running casg.
	06:00 - 12:00	6.00	D	12		Run 9 5/8 surface casg. to 4851'
	12:00 - 12:15	0.25	D	18		Safety meeting Running casg.
	12:15 - 14:15	2.00	D	12		Cont. running casg. Ran 118 jts. 9 5/8" N80 40# LT&C casg. Length with FS & FC @ 5426.75'
	14:15 - 16:30	2.25	DT	57		Circ. casg. Adding LCM to mud system to combat losses
	16:30 - 17:00	0.50	D	12		Rig out Tesco casg. running tool
	17:00 - 17:45	0.75	D	08		Cont. circ. casg. Wash last 4 jts. casg. to btm.
	17:45 - 18:00	0.25	D	18		Safety meeting with Halliburton
11/3/2008	18:00 - 21:45	3.75	D	14		Rig in Halliburton cementers Cmt'd casg. w/ 20 bbl. 10ppg Super flush 101 - SBM followed by 10 bbls. water followed by 830 sx (520.3 bbls.) 11ppg Varicem (TM) cement followed by 270 sx (55.7 bbls.) 15.8ppg Premium - class "G" cmt. Cmt. volumes based on gauge hole plus 100% excess in open hole Displaced cmt. with 408.5 bbls. 10 ppg drlg. mud Good returns thru out cmt'g & displacing Bump plug w/ 1100psi Floats held OK Plug down @ 2141 hrs. Nov.1 / 08 Had 150 bbls. good cmt. for returns No drop in annulus Shoe @ 5423' Float collar @ 5386'
	21:45 - 04:00	6.25	D	14		Wait on cmt. Four bolt flanges while W O C
	04:00 - 06:00	2.00	D	15		Unbolt and lift bop
	06:00 - 06:15	0.25	D	15		Safety meeting Lifting Bop's
	06:15 - 08:00	1.75	D	15		Nipple down and lift bop
	08:00 - 17:00	9.00	D	15		Cut off 9 5/8" & 13 3/8" casg. Make final cut on 9 5/8" casg. Weld on 10" 5k Weatherford casg. bowl Press. test weld to 1500 psi Install 13 5/8 x 13 5/8 5K B SPOOL Nipple bop back up
	17:00 - 02:15	9.25	D	09		Rig in Weatherford test unit Hold safety meeting Press. test casg. to 1500 psi 30 min. Ok Install Weatherford test plug Press. test well head flanges, both inner and outer choke & kill line valves, choke line & all choke manifold valves, pipe rams, blind rams , upper and lower kelly cocks



Operations Summary Report

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 Rig Name: PRECISION
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2008	17:00 - 02:15	9.25	D	09		, stabbing valve & inside bop Inside bop not holding (will change it out) Annular preventor to 300psi low and 3750psi high All other tests 300psi low and 5000psi high 10 min. duration Acc. Ck Conduct 4 function test w/ acc. shut off Final acc. press. 2100 psi Reccharge to 3000 psi in 2 min. 58 sec's
	02:15 - 02:30	0.25	D	06		Rig Ser.
	02:30 - 05:00	2.50	D	15		Finish rigging in gas buster
	05:00 - 06:00	1.00	D	04		Make up BHA
11/4/2008	06:00 - 07:30	1.50	D	04		Cont. making up BHA
	07:30 - 12:00	4.50	D	04		Cont. RIH Tagged up at 5374'
	12:00 - 12:15	0.25	D	04		BOP drill Well secure in 115 sec's
	12:15 - 13:45	1.50	D	13		Drill out down to float collar at 5386' Drill plug, float collar, cmt., and float shoe from 5386' to 5423' Clean out down to 5430'
	13:45 - 14:30	0.75	D	03		Drill 8 3/4" hole f/ 5430' - 5440'
	14:30 - 15:15	0.75	D	08		Circ. hole clean
	15:15 - 16:00	0.75	D	09		Run FIT test equivalent to .8 psi / ft. Held good
	16:00 - 19:15	3.25	D	03		Drill f/ 5440' - 5628' Displace hole to water
	19:15 - 19:30	0.25	D	18		BOP drill Well secure in 98 sec's
	19:30 - 21:30	2.00	D	03		Drill f/ 5628' - 5754'
	21:30 - 21:45	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	21:45 - 22:45	1.00	D	03		Drill f/ 5754' - 5942'
	22:45 - 00:00	1.25	D	03		Acc. survey and connection time
	00:00 - 00:15	0.25	D	18		Safety meeting Rotary table
	00:15 - 03:45	3.50	D	03		Drill f/ 5942' - 6125'
	03:45 - 04:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	04:00 - 05:00	1.00	D	03		Drill f/ 6125' - 6252'
	05:00 - 06:00	1.00	D	03		Acc. survey and connection time
11/5/2008	06:00 - 11:15	5.25	D	03		Drill f/ 6250' - 6650'
	11:15 - 12:00	0.75	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Making mouse hole connections
	12:15 - 16:00	3.75	D	03		Drill f/ 6650' - 6923' Starting to see fair amount of gas at shakers on btms. up after connections
	16:00 - 16:30	0.50	D	06		Rig Ser. Install rotating head element
	16:30 - 17:00	0.50	D	03		Drill f/ 6923' - 6981' Had 5309 units connection gas
	17:00 - 17:30	0.50	D	03		Acc. survey and connection time
	17:30 - 18:45	1.25	D	03		Drill f/ 6981' - 7052' Had 10565 units connection gas Going thru gas buster 30' flare
	18:45 - 20:00	1.25	DT	55		Displace hole to 9.7 ppg drlg. mud Flow Ck. Well static
	20:00 - 23:00	3.00	D	03		Drill f/ 7052' - 7150'
	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety meeting Mouse hole connections
	00:15 - 01:15	1.00	D	03		Drill f/ 7150' - 7232'
	01:15 - 01:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	01:30 - 05:00	3.50	D	03		Drill f/ 7232' - 7480' Bk. grd. gas 200 units Connection gas 420 - 500 units
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
11/6/2008	06:00 - 11:30	5.50	D	03		Drill f/ 7480' - 7732'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Replacing hyd. rams on cat walk
	12:15 - 18:00	5.75	D	03		Drill f/ 7732' - 8037'
	18:00 - 19:00	1.00	D	03		Acc. connection and survey time
	19:00 - 23:15	4.25	D	03		Drill f/ 8037' - 8400'
	23:15 - 23:30	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION
 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/6/2008	23:30 - 00:00	0.50	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Long change
	00:15 - 02:30	2.25	D	03		Drill f/ 8400' - 8470'
	02:30 - 02:45	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	02:45 - 05:00	2.25	D	03		Drill f/ 8470' - 8660' Bk. Grd. gas 135 units Connection Gas 463 units
11/7/2008	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 10:15	4.25	D	03		Drill f/ 8660' - 8811'
	10:15 - 10:30	0.25	D	18		BOP Drill Well secure in 63 sec's
	10:30 - 11:45	1.25	D	03		Drill f/ 8811' - 8929'
	11:45 - 12:00	0.25	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety Meeting Boiler and steam hazards
	12:15 - 14:45	2.50	D	03		Drill f/ 8929' - 9036'
	14:45 - 15:00	0.25	D	06		Rig Ser. Function HCR o / c 3 sec's
	15:00 - 17:15	2.25	D	03		Drill f/ 9036' - 9200'
	17:15 - 18:00	0.75	D	05		Acc. connection and survey time
	18:00 - 23:00	5.00	D	03		Drill f/ 9200' - 9500' At 9250' down hole losses increased f/ 5-6 bph to 25 bph Increased lcm in sweeps f/ 40 ppb to 60 ppb
11/8/2008	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Loader inspection
	00:15 - 04:45	4.50	D	03		Drill f/ 9500' - 9712' BGG 525 - 824 units Connection Gas 1800 units Pumping 5 bbls. w/ 60 ppb lcm sweeps every 30' Losses at present 6 - 10 bph
	04:45 - 05:00	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 06:15	0.25	D	05		Acc. connection and survey time
	06:15 - 09:15	3.00	D	03		Drill f/ 9712' - 9755' Bit started slowing down at 9735'
	09:15 - 10:30	1.25	D	08		Circ. btms. up
	10:30 - 12:00	1.50	D	04		Flow Ck. Pull 5 std's Flow Ck. Well static Pump trip pill Cont. POH w/ bit #5
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping out of hole
	12:15 - 17:30	5.25	D	04		Cont. POH with bit #5 Flow Ck'd at 5423', 750', OOH Well Static
	17:30 - 19:15	1.75	D	05		Function blind rams c / o 4 sec's Change bits, Ck. float, Change out washed mule shoe, Surface test MWD
	19:15 - 23:15	4.00	D	04		RIH w/ bit # 6 to casg. shoe at 5430' Fill dp and circ. btms. up 480 units gas
	23:15 - 23:30	0.25	D	06		Rig Ser.
	23:30 - 00:00	0.50	D	06		Slip and cut drill line
11/9/2008	00:00 - 00:15	0.25	D	18		Safety meeting Slip and cut drill line
	00:15 - 00:45	0.50	D	04		Change quill on top drive
	00:45 - 01:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	01:00 - 02:00	1.00	D	04		RIH to 5755'
	02:00 - 02:15	0.25	D	05		Pulse test MWD
	02:15 - 04:30	2.25	D	04		RIH to 9600'
	04:30 - 05:00	0.50	D	07		Wash & ream f/ 9600' - 9755' Had 4' fill
	05:00 - 05:30	0.50	D	08		Circ. out trip gas thru gas buster 11972 units 25' flare
	05:30 - 06:00	0.50	D	03		Drill f/ 9755' - 9757'
	06:00 - 11:00	5.00	D	03		Drill f/ 9755' - 9854'
	11:00 - 12:00	1.00	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting House cleaning
	12:15 - 12:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:30 - 16:15	3.75	D	03		Drill f/ 9854' - 9995'
16:15 - 17:00	0.75	D	05		Acc. connection and survey time	



Operations Summary Report

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Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/9/2008	17:00 - 19:30	2.50	D	03		Drill f/ 9995' - 10040'
	19:30 - 20:15	0.75	DT	56		Work tight hole on connection Back reamed f/ 10040' up to 9969' Worked this area several times before making connection
	20:15 - 20:30	0.25	D	05		Acc. survey time
	20:30 - 23:00	2.50	D	03		Drill f/ 10040' - 10106'
	23:00 - 23:30	0.50	D	06		Rig Ser. Change out rotating head element
	23:30 - 00:00	0.50	D	05		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety meeting Changing out rotating head element
	00:15 - 02:00	1.75	D	03		Drill f/ 10106' - 10170'
	02:00 - 06:00	4.00	DT	55		Circ. out gas kick, going thru gas buster Mud wt. in 10.3 ppg out 10.2 ppg Raising mud density to 10.8 - 11 ppg At 0600 hrs. Mud wt. in 10.8 PPG Out 10.2 ppg Lost 85 bbls. drlg. mud down hole in last 1 hr. Adding 60 - 70 PPB LCM to mud system to combat losses to form. At present gas reading staying around 8500 - 9000 units
	11/10/2008	06:00 - 10:00	4.00	DT	55	
10:00 - 11:15		1.25	D	03		Drill f/ 10170' - 10199'
11:15 - 12:00		0.75	D	03		Acc. connection and survey time
12:00 - 12:15		0.25	D	18		Safety meeting Mixing mud
12:15 - 12:45		0.50	D	03		Drill f/ 10199' - 10204'
12:45 - 06:00		17.25	DT	55		Circ. thru gas buster 11000 units gas Slowly raising mud wt. while adding lcm for losses Having to raise mud wt. very slow The slightest increase in mud wt. increases losses to form. Cont. circulating, building volume, adding lcm and adding cal. carb. and barite Mud losses in last 24 hrs. 884 bbls. At 0600 hrs. mud wt. IN 11.7 ppg Out 11.6 ppg Very minor losses to form. since 0030 hrs. Still have 12 - 15 flare
11/11/2008		06:00 - 12:00	6.00	DT	57	
	12:00 - 12:15	0.25	DT	57		Safety meeting Bop tagging
	12:15 - 16:00	3.75	DT	57		Leave well shut in while rebuilding mud vol. Recieved 430 bbls. 11.7 ppg drlg. mud from Pioneer 59
	16:00 - 16:15	0.25	D	06		Rig Ser. Function annular preventor c/ o 23 sec's
	16:15 - 16:45	0.50	DT	57		Open Bop Work drill string Pipe is free Rack one std. in derrick Bit depth @10107'
	16:45 - 23:15	6.50	DT	57		Shut well back in, while cont. to rebuild mud vol.
	23:15 - 02:15	3.00	DT	57		Open well Pumped down dp to ck. if bit was plugged Pumped thru bit with no problem Attempt to top fill annulus Annulus full after pumping 6.60 bbls. Go down dp Got circ. back after pumping 12 bbls. Cont. circulating (pumped 35 bbl. 80 ppb lcm sweep around) Had 8900 units gas on btms. up Lost total of 335 bbls. mud since circulation was regained
	02:15 - 05:15	3.00	DT	57		Mix up 220 bbls.w/ 80 ppb lcm Pump and spot leading edge of lcm pill at 6100' Pill covers 3800' in annulus Shut down and let lcm pill feed into thief zone Lost 70 bbls. mud while spotting lcm pill Total losses 405 bbls. Had 12.3 ppg mud in and 12.1 ppg mud out Flare went out and casg. press. returned to normal
	05:15 - 06:00	0.75	DT	57		Cont. circulating Monitoring losses and gas on btms. up
	11/12/2008	06:00 - 07:45	1.75	DT	57	Bit depth @ 10107' Circ. across well head thru trip tank , monitoring mud



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/12/2008	06:00 - 07:45	1.75	DT	57		<p>losses Well static POH with bit # 6 Hole tight f/ 10107' up to 9280' Pulling 20 - 30000 over string wt. Rest of the trip out went Ok Flow Ck'd at 10107', 9280', 7508', 5360', 723', OOH Trip Record Cal. 104.17 bbls. Act. 152.60 bbls. Diff. + 48.43 bbls. Flow CK for 1 hr. while preparing to run in with bit #7 Well static Layed down all directional tools & two TBR's Rig Ser. Function blind rams c / o 4 sec's Change out brk. out line Repair link tilt warning system on top drive Make up 8 3/4" retip mill tooth bit RIH; Flow Check @ 777' & 5413'. Inatl RBOP; Break Circ & Circ Btms Up; Lost returns after 640 strokes. Rig Service; Function Annular 23secs c/o Cont to RIH to 6350'; monitor well conditions, returns while RIH, Safety Mtg: Tripping in Hole Cont to RIH to 7227'; Fill Pipe @ 7227'. Cont to RIH to 7901'. Work on Top Drive; Cables on Top Drive were loose and shorted - repaired. Cont to RIH; Float paddle stuck @ 8600' showing flow @ 19%, Shut-in well and check surface press = 0; Work float paddle free, Flow Check and cont to RIH to 8892' - Hit Bridge. Ream from 8892' - 9032' while mixing, pumping & spotting high conc. LCM pill from 9032'-8940'. Losses started @ 10bph and increased to 180bph while mixing & spotting LCM. Pull to 8873' and monitor well on Trip Tank. Cont. observing well Circ. across well head with trip tank pump Well at present is static Start circ. at 60 spm (6.09 bpm) Full returns for first 20 mins, then returns started dropping off After pumping for 35 mins. lost complete returns Shut down pump and went back to circulating across well head with trip tank pump Well took 12 bbls. mud then gradually went static Cont. observing well while rebuilding premix With premix ready, started to spot 35 bbls. Of 90 ppb lcm in annulus Unable to get mud pumps to work Clean out suction on both pumps (Clean out completely blocked suction, remove suction and discharge screens) Cont. with spotting lcm pill Shut down and let form. heal Rebuild premix Precision safety superintendants (Jay Brosseau & Dan Lundstrom) inspected drilling rig and held extended safety meetings with all crew members Let form. heal for 4 hrs. Start pump at 60 spm Full returns for 45 mins. Returns were up and down for the next 60 min. (continually adding high concentration of lcm while pumping) Losses after pumping for 120 mins. were very minimal Cont. circulating and adding LCM; Work Pipe from 8842' - 8935'. Hold Safety Mtg: Mixing Chemicals. Cont Mixing high concentrations of LCM; Slowly work pumps up to 95 spm @ 400 gpm; Losses continued to slow rate. Wellbore stabilized with no losses for 45 mins. Start reaming and washing from 8935'- 9250'; Monitor hole losses, Cont. to mix LCM (fine CaCO3 and Fibre seal) while reaming. Cont. washing and reaming f/ 9250' - 9290' Gas increasing f/ 700 units to 11000 units Circ. thru choke manifold and gas buster Clean out shale and lcm f/ both mud pumps, sand trap, mud tank troughs and gas buster</p>
	07:45 - 17:00	9.25	D	04		
	17:00 - 17:15	0.25	D	06		
	17:15 - 18:00	0.75	DT	60		
	18:00 - 22:15	4.25	D	04		
	22:15 - 23:00	0.75	D	08		
	23:00 - 23:15	0.25	D	06		
	23:15 - 00:00	0.75	D	04		
	00:00 - 00:15	0.25	D	04		
	00:15 - 01:15	1.00	D	04		
	01:15 - 02:00	0.75	DT	60		
	02:00 - 03:15	1.25	D	04		
	03:15 - 05:30	2.25	DT	57		
	11/13/2008	05:30 - 06:00	0.50	DT	57	
06:00 - 06:30		0.50	DT	57		
06:30 - 15:00		8.50	DT	57		
15:00 - 16:00		1.00	D	06		
16:00 - 00:00		8.00	DT	57		
00:00 - 00:15		0.25	DT	57		
00:15 - 02:15		2.00	DT	57		
02:15 - 06:00		3.75	DT	56		
11/14/2008		06:00 - 07:00	1.00	DT	56	
		07:00 - 08:15	1.25	DT	57	



Operations Summary Report

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 Rig Name: PRECISION

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 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2008	08:15 - 11:30	3.25	DT	56		Cont. wash and ream f/ 9290' - 9378'
	11:30 - 12:15	0.75	D	08		Circ. out 11500 units gas thru choke manifold and gas buster
	12:15 - 15:45	3.50	D	07		Cont. wash and ream f/ 9378' - 10204'
	15:45 - 16:30	0.75	DT	57		Clean out shale and lcn f/ both mud pumps
	16:30 - 19:00	2.50	D	08		Circ. cond. mud and hole Initially had a lot of larger pieces of sloughing shale coming out of hole Hole gradually cleaned up Gas has dropped to 18 - 150 units Had very minor mud losses in last 12 hrs.
	19:00 - 00:00	5.00	D	04		Flow Check @ 10193'; POOH for Wiper Trip to Csg Shoe. Flow Checks @ 9722', 8776', 7374'. Hole slightly Tight for 1st 7stds (max 30000# over) then good.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Tripping
	00:15 - 00:45	0.50	D	04		Cont. to Wiper Trip to Csg Shoe; Flow Check @ 5389'
	00:45 - 01:00	0.25	D	06		HOLE FILL: Calc: 44.45bbbls Act: 49.1bbbls Diff: +4.65bbbls
	01:00 - 01:15	0.25	D	04		Rig service; Add oil to Top Drive.
11/15/2008	01:15 - 01:30	0.25	D	18		RIH from 5389' - 5463'
	01:30 - 05:45	4.25	D	04		Held BOP Trip Drill: Crew in position & Well Secure in 2mins 15secs.
	05:45 - 06:00	0.25	D	08		Cont. to RIH from 5463' - 9977'; Wash 3 stds to Bttm from 9977'-10204'.
	06:00 - 07:15	1.25	D	04		Circulate Hole Clean prior to tripping for Logs.
	07:15 - 09:15	2.00	D	08		Cont. RIH f/ 5463' - 10190' Fill dp at 7869' Wash & ream f/ 10190' - 10204' Had 15' fill
	09:15 - 12:00	2.75	D	04		Circ. cond. mud and hole Had 8788 units gas on btms. up, decreasing to 289 units after 2 hrs.
	12:00 - 12:15	0.25	D	04		POH to 9754' Flow Ck. Pump trip pill Cont. POH to 7500'
	12:15 - 12:30	0.25	D	06		Safety meeting Tripping dp
	12:30 - 17:30	5.00	D	04		Rig Ser. Function pipe rams c/o 5 sec's
	17:30 - 00:00	6.50	D	11		Cont. POH Flow CK' at 5445', 727', OOH Well static HOLE FILL: Calc: 106.03bbbls Act: 131.7bbbls Diff: 25.67bbbls STRAP: Tally: 10229.81' Strap: 10224.68' Diff: -5.13'
11/16/2008	00:00 - 00:15	0.25	D	11		Hold pre job safety meeting Rig in Schlumberger; RIH w/ Log Run #1: PEX-HRLA-BHC-GR.
	00:15 - 02:30	2.25	D	11		Hit Ledges from 8843' to 9289', could not pass 9289'; Log out as per Program.
	02:30 - 06:00	3.50	D	04		Held Safety Mtg: Tripping in Hole
	06:00 - 09:00	3.00	D	04		Finish Log Run #1 & R/O Schlumberger Wireline Logs.
	09:00 - 12:00	3.00	D	07		M/U Rerun MT Bit & RIH for Clean Out. Fill Pipe & Flow Check as req.
	12:00 - 12:15	0.25	D	18		Cont to RIH for Clean Out Trip; Fill Pipe & Flow Check as req.
	12:15 - 17:30	5.25	D	07		Fill Pipe & Break Circ @ 8696'; Ream & Wash from 8696' - 9126'. Safety Mtg:
	17:30 - 18:00	0.50	D	06		Cont to Ream & Wash to Bttm from 9126' - 10204'; Tough, hard reaming from 9250'-9900'; Better hole conditions above & below. Max Gas: 10238 units while reaming below 10100'.
	18:00 - 19:30	1.50	D	08		Rig Service; Function Pipe Rams: 5secs c/o
	19:30 - 00:00	4.50	DT	56		Condition mud and circulate/Monitor gains and losses/Monitor Gas
11/17/2008	00:00 - 04:45	4.75	DT	56		Back ream to 8803'. TOH to 8337'
	04:45 - 05:00	0.25	D	06		TIH. Wash and ream from 9,232' to 10,200'. Hard reaming from 9232' to 9475'. No losses.
	05:00 - 06:00	1.00	DT	56		Lubricate rig, Function pipe 5 second C/O
	06:00 - 09:45	3.75	DT	56		Condition mud and circulate/Monitor gains and losses/Monitor Gas
	09:45 - 12:00	2.25	DT	56		Pull 15 Std Wiper Trip; Flow Check off Bttm & 8813'; RIH from 8813' - 10204'; Some tight spots from 9350-9800'. Work Pipe through tight sections, able to RIH w/ no reaming. Circ & Cond Mud & Hole; Pump 2 high Vis sweeps back-to-back; Monitor



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11/17/2008	09:45 - 12:00	2.25	DT	56		Hole for losses - Well Static.	
	12:00 - 12:15	0.25	D	04		Held safety Mtg: Lay Down Drill Pipe.	
	12:15 - 16:00	3.75	DT	56		Pull 15 Std Wiper Trip: Backream out of Hole to 8809'; Flow Check & RIH; One tight section from 9255'-9258' had to work through.	
	16:00 - 16:15	0.25	D	06		Rig Service; Service Top Drive; Function Pipe Rams-5secs c/o	
	16:15 - 17:30	1.25	D	08		Circ & Cond Mud & Hole. Spot 30bbl High Vis Pill on Bttm prior to POOH	
	17:30 - 18:45	1.25	D	04		POOH & L/D 5" Drill Pipe. Flow check. Pull rotating head.	
	18:45 - 00:00	5.25	D	04		Lay down drill pipe. Flow check.	
	00:00 - 00:15	0.25	D	06		Safety meeting on cutting drilling line.	
	00:15 - 01:00	0.75	D	04		Lay down drill pipe.	
	01:00 - 01:45	0.75	D	06		Cut drilling line.	
	01:45 - 02:00	0.25	D	06		Lubricate rig, function annular - 23 second C/O. Adjust brakes.	
	02:00 - 06:00	4.00	D	04		Lay down drill pipe.	
	11/18/2008	06:00 - 08:45	2.75	D	04		Cont to POOH & L/D Drill String, including BHA.
		08:45 - 09:15	0.50	D	12		Pull Wear Bshg.
09:15 - 12:00		2.75	D	12		R/U Tesco Top Drive Casing Running Tool.	
12:00 - 12:15		0.25	D	18		Held Pre-Job Safety Mtg: Running Casing w/ Top Drive Casing Tool.	
12:15 - 12:45		0.50	D	12		Finsh R/U Tesco Top Drive Casing Running Tool.	
12:45 - 16:30		3.75	D	12		Make Up Float Shoe, Shoe Jnt, Float Collar & single above with Threadlock to Max Torque" 9960 ft.lbs; Run 7", 29lb, P110, LT&C Casing as per program. Opt. Torque: 7970 ft.lbs	
16:30 - 17:30		1.00	DT	60		Repair broken hose on Pipe Skate.	
17:30 - 22:30		5.00	D	12		Cont to RIH with 7" Casing as per Program.	
22:30 - 23:00		0.50	DT	60		Replace hydraulic hose on pipe skate.	
23:00 - 00:00		1.00	D	12		Cont to RIH with 7" Casing as per Program.	
00:00 - 00:15		0.25	D	18		Safety Meeting on Running casing.	
00:15 - 02:45		2.50	D	12		Cont to RIH with 7" Casing as per Program.	
02:45 - 03:15		0.50	D	08		Fill pipe and circulate bottoms up @ shoe.	
03:15 - 03:30		0.25	D	06		Lubricate rig.	
03:30 - 04:00	0.50	DT	67		Problems releasing Tesco running tool.		
04:00 - 06:00	2.00	D	12		Cont to RIH with 7" Casing as per Program.		
11/19/2008	06:00 - 12:00	6.00	D	12		Run 227 Jnts, 7", 29 lb, P110, LT&C New Casing. Total Lenght: 10199.7' landed @ 10199.7'.	
	12:00 - 12:15	0.25	D	14		Safety Mtg: Cement Casing.	
	12:15 - 13:00	0.75	D	12		Washed to Bttm from 9803' - 10204'; 12' fill on Bttm.	
	13:00 - 14:45	1.75	D	12		L/d tag Jnts & P/U landing Jnt.	
	14:45 - 15:30	0.75	D	08		Circ & cond Hole for Cmtg; Work casing while circulating.	
	15:30 - 15:45	0.25	D	06		Rig service.	
	15:45 - 16:30	0.75	D	08		Circulate Mud and circulate/monitor gains and losses/monitor gas. PJSM with Tesco, Schlumberger, Precision crews, and Drilling Supervisors.	
	16:30 - 18:00	1.50	D	14		N/D Tesco Top Drive Casing Running Tool & N/U Schlumberger Cement Head & lines. Pressure test lines to 5000#.	
	18:00 - 20:15	2.25	D	14		Cement w/ Schlumberger: Cement 7" intermediate casing with 40 Bbl. Mudpush, @ 12.2 ppg, 650 sx. TXI + Adds tail (Yield = 2.16 H2O = 11.488 Gallons per sk. @ 12.5 ppg.) Displace with 376 bbls. of drilling mud @ 12.1 ppg, 46 visc. Full returns through 290 Bbls. displacement.	
						Lost full returns. Circulating pressure prior to loss 892#, dropped to 458# after loss. Bumped plug @ 56#. Pressured to 550#. Released pressure.	
						Float held;	
		20:15 - 00:00	3.75	D	14		WOC. Monitor well.
		00:00 - 00:15	0.25	D	18		Safety meeting
		00:15 - 01:00	0.75	DT	52		Top fill annulus (between 7" and 9 5/8" casing) with trip tank. Total volume: 16 Bbls.



Operations Summary Report

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 Contractor Name: PRECISION
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 Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2008	01:00 - 06:00	5.00	D	10		Nipple down BOPE.
11/20/2008	06:00 - 09:00	3.00	D	10		N/D 13 5/8" 5000# BOP Stack.
	09:00 - 09:15	0.25	D	06		Rig Service.
	09:15 - 12:00	2.75	DT	53		Install Primary Seal, Tbg Spool & attempt to Press Test - Failed.
	12:00 - 12:15	0.25	D	10		Safety MTG: Rig Up BOP's.
	12:15 - 14:00	1.75	DT	53		Cont. to attempt to Press Test Primary Seal - Failed. N/D Tbg Bonnet, Remove H-Plate and take for machining and re-install. Measurements show the Primary Seal is incorrect size and would not seal. Wait on Weatherford Engineering for final resolution.
	14:00 - 14:15	0.25	D	06		Rig service.
	14:15 - 00:00	9.75	DT	53		Wait on return of machined wellhead component; Re-Install, take measurements and 2 primary seals would not fit in Csg Bowl. Wait on Weatherford Engineering for resolution.
	00:00 - 00:15	0.25	DT	53		Safety Meeting on nipple up.
	00:15 - 06:00	5.75	DT	53		Weatherford took packing assembly to machine shop and machined bottom packing assembly. Assembly was brought back to the rig, Tubing head installed, and attempted to pressure test. Top seal assembly failed at 3500#. Top assembly sent to machine shop after trying to locate a 7" top assembly.
11/21/2008	06:00 - 09:00	3.00	DT	53		Continue to wait on Weatherford to re-machine secondary seal & return to location.
	09:00 - 10:30	1.50	D	10		N/U Primary Seal, Tbg Spool & Secondary Seal & P/T to 5000psi for 10mins: OK
	10:30 - 01:00	14.50	D	10		N/U 7-1/16" 10K BOP Stack.
	01:00 - 01:15	0.25	D	18		PJSM with crew members and Weatherford on pressure testing.
	01:15 - 03:30	2.25	D	15		Tighten flange on BOPE. Rig up tester. Change out 2" bull plug. Pick up joint with test plug.
	03:30 - 04:15	0.75	D	09		Pressure test.
	04:15 - 06:00	1.75	DT	67		Weatherford tester connected below test plug. Bent joint of drill pipe. Change out joint of DP. Wait on seal rings from Weatherford for test plug.
11/22/2008	06:00 - 08:00	2.00	DT	54		Test Tool seal Failed; Wait on New seal from Weatherford.
	08:00 - 12:00	4.00	D	09		Pressure Test BOP's: Test UPR, LPR, Annular, HCR, Choke & Kill Lines & Valves, Upper & Lower Kelly Valves, Stabbing & Inside BOP Valves to LOW: 300psi for 5mins/ea & HIGH: 10,000psi for 10 mins/ea. Test Kelly Hose, Standpipe, Mud Line & manifold Valves back to Pump: LOW: 300psi & HIGH: 4000psi.
	12:00 - 12:15	0.25	D	09		Safety Mtg: Press Testing.
	12:15 - 18:30	6.25	D	09		Continue Press Test as above. Test Casing to 2500psi for 30mins.
	18:30 - 19:15	0.75	D	09		Perform accumulator function test: Start pressure 3050 psi; Perform 5 function test: Close Annular: 15 seconds; 2325 psi; Close top pipe rams: 3 seconds; 2195 psi. Close bottom pipe rams: 3 seconds; 2065 psi. Open top pipe rams: 3 seconds; 1935 psi. Close HCR: 2 seconds; 1900 psi - Final Pressure. Recharge time 1 minute 0 seconds. Pre charge pressure: 1150 psi. Total time to recharge total system from 0 pounds: 4 minutes 45 seconds. Pre charge pressure 3050 psi.
	19:15 - 00:00	4.75	D	09		Pressure test choke manifold; Low 300 psi for 5 minutes ea. and High: 10,000 psi for 10 minutes ea. Hook up flow line. Stabilize and center BOP stack. Valve in manifold did not test. Change "O" rings in valves. Drain stack and blow through choke manifold.
	00:00 - 00:15	0.25	D	04		PJSM on picking up drill pipe.
	00:15 - 05:00	4.75	D	04		Pick up 25 stands (75 joints) of drill pipe.
	05:00 - 06:00	1.00	D	04		TOH with drill pipe. Stand back in derrick. Pick up BHA.
11/23/2008	06:00 - 12:00	6.00	D	04		P/U & M/U Ulterra PDC Bit, straighten Mud Motor offset to Zero & M/U



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/23/2008	06:00 - 12:00	6.00	D	04		MWD Tool; P/U remainder of BHA as per Program & RIH to 934'.
	12:00 - 12:15	0.25	D	18		Safety Mtg: BOP Drill
	12:15 - 12:30	0.25	D	06		Rig Service; Function UPR: 4secs.
	12:30 - 00:00	11.50	D	04		Strap & P/U 4" Drill Pipe & RIH to 8409'. Fill pipe @ 3108',5632',and 7686'
	00:00 - 00:15	0.25	D	18		Safety meeting: Weekend awareness and hand injuries.
	00:15 - 05:00	4.75	D	04		Strap & P/U 4" Drill Pipe & RIH to . Fill pipe @ 9894'.
	05:00 - 05:15	0.25	D	06		Rig Service. Function UPR 5/5 OC.
	05:15 - 06:00	0.75	D	07		Wash down from 9900'.
11/24/2008	06:00 - 09:00	3.00	D	13		Wash & Ream from 9952'-10135' (cmt stringers & sheath). Drill out Cmt, Float Collar, Shoe Jnt & Float Shoe from 10135'-10192', Drill Cmt from 10192'-10204'.
	09:00 - 12:00	3.00	D	03		Drill 6-1/8" Hole f/ 10204' - 10283'.
	12:00 - 12:15	0.25	D	18		Held BOP Drill: Well secure & crew in position: 92secs. Safety Mtg on BOP Drills / Tension Limiter
	12:15 - 15:30	3.25	D	03		Drill 6-1/8" Hole f/ 10283' - 10397'.
	15:30 - 15:45	0.25	D	06		Rig service; Function Annular: 23secs c/o. Grease Crown Blocks.
	15:45 - 17:30	1.75	D	03		Drill 6-1/8" Hole f/ 10397' - 10491'.
	17:30 - 18:00	0.50	D	03		Work pipe for connection/Survey/Time Accum.
	18:00 - 21:30	3.50	D	03		Drill 6 1/8" hole f/ 10491' - 10623'.
	21:30 - 21:45	0.25	D	03		Work pipe for connection/Survey/Time Accum.
	21:45 - 00:00	2.25	DT	55		Took a kick @ 10623'. Pick up and shut well in. SICP 2400# SIDPP 550#.
	00:00 - 00:15	0.25	D	06		Circulated out kick and raise mud wt. to 12.9# / Gallon.
	00:15 - 04:00	3.75	DT	55		SAfety Meeting: Working @ heights above 6'.
	04:00 - 04:15	0.25	D	06		Circulate and condition mud. Raise mud wt. up to 12.9#. Monitor gains and losses. Well dead.
	04:15 - 06:00	1.75	DT	55		Rig Service.
11/25/2008	06:00 - 08:45	2.75	DT	55		Circ & Cond Mud; Bckgrnd Gas @ 1600 units. Cont to even mud wt. @ 12.9ppg throughout system, lower bckgrnd gas to below 100units.
	08:45 - 09:15	0.50	DT	55		Flow Check @ 10617'; Blow down lines to Manifold & all Lines & Valves in Manifold & Degasser.
	09:15 - 11:45	2.50	D	03		Drill 6-1/8" Hole f/ 10623' - 10720'.
	11:45 - 12:00	0.25	D	05		Accumulated Survey & Connection Time.
	12:00 - 12:15	0.25	D	18		Safety Mtg: Mixing Chemicals & Proper PPE
	12:15 - 13:15	1.00	D	03		Drill 6-1/8" Hole f/ 10720' - 10775'.
	13:15 - 13:30	0.25	D	06		Rig Service; Function LPR: 4secs c/o.
	13:30 - 17:00	3.50	D	03		Drill 6-1/8" Hole f/ 10775' - 10945'
	17:00 - 18:00	1.00	DT	64		Work Pipe, attempt to Survey, Tool not responding.
	18:00 - 18:15	0.25	D	03		Drill 6-1/8" Hole f/ 10945' - 10952'.
	18:15 - 23:00	4.75	DT	57		Drilled into fracture; Lost total returns. Mix & spot LCM Pill on Btmr; Build Mud Volume & Wt to 13.4ppg. Gas break out @ surface.
	23:00 - 00:00	1.00	DT	55		Shut well in - Monitor Pressures: SIDPP: 0 SICP= 692
	00:00 - 00:15	0.25	DT	55		Safety Mtg: Well Control & Mixing Mud
	00:15 - 00:30	0.25	DT	55		Cont to monitor well in Choke Manifold.
	00:30 - 00:45	0.25	D	06		Rig service; Function Annular: 14secs.
	00:45 - 02:15	1.50	DT	55		Circ out High Gas Cut Mud from annulus; (45+ ft Flare). Mix & Build Premix & LCM Pill.
02:15 - 03:00	0.75	DT	57		Shut well in to Cond Mud; 10.4ppg coming well & lightening up system.	
03:00 - 05:00	2.00	DT	55		Mix all surface mud to 13.4ppg; Monitor well on closed choke.	
05:00 - 06:00	1.00	DT	57		Break circ & circ btms up through degasser, Flare out & no more gas to surface, Losing Mud @ 2bbl/min. Shut down due to loss of surface volume.	
						Shut well in - due to loss of surface mud. Build Volume & Wt system to



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 Rig Name: PRECISION

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 Rig Release: 12/10/2008
 Rig Number: 426
 Spud Date: 8/20/2008
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/25/2008	05:00 - 06:00	1.00	DT	57		13.4ppg. Re-build Premix & build LCM Pill to spot on btm.
11/26/2008	06:00 - 11:15	5.25	DT	57		Rebuild surface volume, while monitoring well After 6 hrs. sidpp & sicp 0 psi
	11:15 - 11:30	0.25	DT	57		Pull 1 std. dp Bit depth @ 10857'
	11:30 - 12:15	0.75	DT	57		Spot 35 bbl. 100 ppb lcm on btm. Regained circ. after pumping 131 bbls. (20 - 30% returns) LCM pill in place 1215 hrs. Had 5 - 10' lazy flare while circulating
	12:15 - 13:15	1.00	DT	57		Pull 8 std's dp up to casg. shoe at 10200' Unable to fill hole with trip tank pump (pumps to slow to keep up with losses)
	13:15 - 13:30	0.25	DT	57		Safety meeting Mixing chemicals
	13:30 - 17:45	4.25	DT	57		With bit at 10200' Shut in and monitor dp & cg. press. Let form. heal Rig Service; Function LPR: 4secs c/o.
	17:45 - 18:00	0.25	DT	57		Cont to monitor well on Choke while Shut-In.
	18:00 - 19:15	1.25	DT	57		Attempt to Top fill with Hole Fill pump; Pump 14.9bbls, No Returns, Top Fill through Kill Line w/ Pump, pump 2.8bbls to returns. Tot Top Fill: 17.7bbls, Drop in Annulus: 819.5'. Circ across top of Hole and monitor losses: 16bph losses.
	19:15 - 23:00	3.75	DT	57		Pump 33bbls 100ppb LCM Pill & Spot in Annulus, Chase with 25ppb CaCO3 Drig Mud. Pump across Top of Flowline to monitor losses: Well took 42bbls to get returns and then lost 10bbls while spotting LCM Pill.
	23:00 - 00:00	1.00	DT	57		Safety Mtg: Communication between personnel.
	00:00 - 00:15	0.25	DT	57		Circ across top of flowline & Monitor Losses @ 30bph.
	00:15 - 06:00	5.75	DT	57		Shut well in to allow for LCM Pill to stabilize formation & monitor for Pressure; Open Well & Fill each 30mins: 1st Fill: 13bbls; 2nd Fill: 12bbls; 3rd Fill: 11bbls, 4th Fill: 10bbls; 5th Fill: 9bbls; 6th Fill: 12bbls; 7th Fill: 16bbls; 8th Fill: 12bbls; 9th-Fill: 14bbls. Total Volume Lost while monitoring after spotting LCM Pill: 109 bbls.
11/27/2008	06:00 - 08:15	2.25	DT	57		Cont. monitoring well Top fill every 30 min. Hole taking 14 - 15 bbls. drig. mud every 30 min. Losses have not slowed down since pill #4 was spotted at 2400 hrs.
	08:15 - 09:15	1.00	DT	57		Pump 35 bbls. 100 ppb lcm (345 stks.) displaced out of drill string w/ 108 bbls. (1061 stks.) of 13.4 ppb drig. mud Lost 88 bbls. drig. mud while pumping and displacing lcm pill Regained 20 - 30% circ. after pumping 43 bbls. (424 stks.) Pill #5 in place @0915 hrs.
	09:15 - 12:00	2.75	DT	57		Monitor well Top filling every 30 min. Well still taking 14 - 15 bbls. every 30 min.
	12:00 - 12:15	0.25	DT	57		Safety meeting Steam lines
	12:15 - 14:00	1.75	DT	57		Cont. monitoring well After 4.5 hrs. losses staying at 14 - 15 bbls. every 30 min.
	14:00 - 22:00	8.00	DT	57		POH w/ drig. assembly. Break down TBR's & Bit; Pull MWD Tool & Rack Dir BHA in Derrick.
	22:00 - 00:00	2.00	DT	57		HOLE FILL: Calc: 70.8bbls Act: 432bbls Diff: 361.2 bbls
	00:00 - 00:15	0.25	DT	57		Make Up Re-run Security EBXS30SR Insert Bit & RIH.
	00:15 - 06:00	5.75	DT	57		Safety Mtg: Pulling & Setting Slips
11/28/2008	06:00 - 11:00	5.00	DT	57		Cont to RIH w/ Rerun 6-1/8" Insert Bit.
	11:00 - 12:00	1.00	DT	57		Cont. trip in hole w/ RR#10 to 10414' Slight bridging Hole taking 50 bbl./ hr. while tripping in hole
	12:00 - 12:15	0.25	DT	57		Wash & ream slight bridges from 10414' - 10952' Had 6' fill on btm.
	12:15 - 12:30	0.25	DT	57		Lost 130 bbl. mud while cleaning to btm. Had 5236 units gas on btms.
	12:30 - 23:00	10.50	D	03		up
						Safety meeting: Pulling DP slips
						Rig Service: Function LPR: 4secs c/o
						Drill 6-1/8" Hole f/ 10952' - 10981'.



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 Rig Release: 12/10/2008
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2008	12:30 - 23:00	10.50	D	03		Mix & Pump 100ppg CaCO3 w/ 20ppb Fibre Seal, Magma Fibre, Cottonseed Hulls while drilling. Losses slowed to 10-12bph while drilling. Mix & Spot another 100ppb CaCO3 (4 sizes: 2000, 1000, 250 & 40) w/ 20ppb Fibre Seal, Magma Fibre & Cottonseed Hulls (5ppb of each size) @ 10981' prior to tripping.
	23:00 - 00:00	1.00	DT	57		POOH from 10981 to 10470'; Flow Check @ 10953', 10470'.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Tripping Hazards.
	00:15 - 04:15	4.00	DT	57		Cont. to POOH. from 10470' - 5629'; Flow Check @ 8861' & 5629'.
	04:15 - 04:30	0.25	DT	57		Rig Service; Function UPR: 5secs c/o.
	04:30 - 06:00	1.50	DT	57		Cont. to POOH f/ 5629'
11/29/2008	06:00 - 07:45	1.75	DT	57		Cont. POH w/ RR #10 Flow ck'd as required Hole fill : Act. 75.2 bbls. Cal. 70.8 bbls. Diff. + 4.4 bbls.
	07:45 - 08:45	1.00	DT	57		Function blind rams c / o 4 sec's Prepare floor to pick up 2 7/8" tubing
	08:45 - 12:00	3.25	DT	57		Pick up 26 jts. 2 7/8" fibre glass tubing (length w/ 2 - xo subs 764.57')
	12:00 - 12:15	0.25	DT	57		Run tubing in hole on 4" dp to 1048'
	12:15 - 12:30	0.25	DT	57		Safety meeting Picking up tubing
	12:30 - 16:15	3.75	DT	57		Rig Ser. Cont. running in hole to casg. shoe @10200' Install rotating head element
	16:15 - 16:30	0.25	DT	57		Brk. circ. Ck. to ensure cmt'g string is clear
	16:30 - 17:15	0.75	DT	57		Cont. RIH to 10595'
	17:15 - 19:15	2.00	DT	57		Circ. btms. up Work cmt'g string f/ 10595' - 10690' Had 9237 units gas on btms. up
	19:15 - 20:15	1.00	DT	57		Cont. washing down f/ 10690' - 10945'.
	20:15 - 21:45	1.50	DT	57		R/ U Schlumberger Cmtg; Hold Pree-Job Safety Mtg & Cement. Pump 5.0bbls H2O Spacer, Mix & Pump 245sxs, 50bbls Class "G" + D013 + D065 @ 15.8ppg. Yield: 1.16 ft3/sx. Displace w/ 2.0bbls H2O Spacer & 88bbls Drig Mud. Total Volume Pumped: 57bbls; Total Volume Returned: 40bbls; Total Volume Lost to Hole: 17bbls.
	21:45 - 00:00	2.25	DT	57		NOTE: Setting Time: 5.5 Hrs ; Compressive Strength: 12 Hrs: 800psi, 24 Hrs: 2400pis 36 Hrs: 3800
	00:00 - 01:00	1.00	DT	57		Pull 21 Stds Drill Pipe from 10941' - 8969'.
	01:00 - 06:00	5.00	DT	57		Break Circ & Circ Btms Up @ 8969'; No Cmt contamination at Surface.
11/30/2008	06:00 - 07:30	1.50	DT	57		POOH w/ Cmtg String; Flow Checks @ 8953', 5617'.
	07:30 - 09:45	2.25	DT	57		Cont. POH w/ cmt'g string to 764' Flow ck. Well static
	09:45 - 10:00	0.25	DT	57		Lay down 26 jts. 2 7/8" fibre glass tubing
	10:00 - 12:00	2.00	DT	57		Flow Ck. OOH Function blind rams c / o 4 sec's
	12:00 - 12:15	0.25	DT	57		Make up PDC RR #11, directional tools & RIH to 1027' Shallow test MWD Ok
	12:15 - 12:30	0.25	DT	57		Safety meeting Tripping
	12:30 - 16:30	4.00	DT	57		Rig Ser. Function upr c / o 4 sec's
	16:30 - 16:45	0.25	DT	57		Cont. RIH to 8100'
	16:45 - 22:00	5.25	DT	57		Install rotating head element
	22:00 - 23:15	1.25	DT	57		Wash thru slight cmt. stringers f/ 8100' - 9100'; RIH to 9470'; Wash & Ream through Cmt Stringers from 9470;-10019'.
	23:15 - 00:00	0.75	DT	57		Drill Cmt from 10019'-10109'; Had Soft Cmt from 10019'-10045', then hard Cmt from 10045'-10109'.
	00:00 - 00:15	0.25	DT	57		Slip & Cut Drig Line.
	00:15 - 01:15	1.00	DT	57		Safety Mtg: Slip & Cut Drig Line.
	01:15 - 01:30	0.25	DT	57		Slip & Cut Drig. Line.
01:30 - 04:45	3.25	DT	57		Rig Service; Function UPR: 5secs c/o. Drill Cmt from 10109' - 10204'.	



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Rig Release: 12/10/2008
Rig Number: 426
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Table with columns: Date, From - To, Hours, Code, Sub Code, Phase, Description of Operations. Contains detailed log entries for dates 11/30/2008, 12/1/2008, 12/2/2008, and 12/3/2008.



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/3/2008	02:15 - 02:30	0.25	D	06		Rig Service; Function LPR: 5secs c/o & Function UPR: 5secs c/o.
	02:30 - 06:00	3.50	D	03		Drill 6-1/8" Hole f/ 11431' - 11477'.
12/4/2008	06:00 - 11:30	5.50	D	03		Drill 6.125" hole f/ 11477' - 11550'
	11:30 - 12:00	0.50	D	08		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Rolling casg.
	12:15 - 12:30	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	12:30 - 00:00	1.50	D	03		Drill 6-1/8" Hole f/ 11550' - 11667'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Driving Home.
	00:15 - 05:15	5.00	D	03		Drill 6-1/8" Hole f/ 11667' - 11715'.
	05:15 - 05:30	0.25	D	06		Rig Service; Function UPR: 5secs c/o.
	05:30 - 06:00	0.50	D	03		Drill 6-1/8" Hole f/ 11715' - 11716'.
12/5/2008	06:00 - 09:00	3.00	D	03		Drill 6.125" hole f/ 11716' - 11736' TD
	09:00 - 10:00	1.00	D	08		Circ. btms. up
	10:00 - 12:00	2.00	D	04		POH up to casg. shoe at 10192'
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping
	12:15 - 15:00	2.75	D	04		RIH to 11556' Wash 180' to btm. Had 2' fill Hole cond. good on wiper trip
	15:00 - 17:00	2.00	D	08		Circ. cond. mud and hole Had 2329 units gas on btms. up
	17:00 - 23:45	6.75	D	04		POOH to Log; Flow Check @ 11718', 11301', 6761'
	23:45 - 00:00	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping
	00:15 - 04:30	4.25	D	04		Cont to POOH to 3117'; Flow Check @ Top of BHA: 944' OOH. L/D HWDP, 9-DC's & Dir BHA; Rack 9-DC's in Derrick HOLE FILL: Calc: 75.6bbbls Act: 86bbbls Diff: 10.4bbbls STRAP: Tally: 11812.23' Strap: 11823.89 Diff: 11.66'
	04:30 - 04:45	0.25	D	06		Rig Service; Function UPR: 4secs, LPR: 4secs, Blind Rams: 4secs c/o.
	04:45 - 05:30	0.75	DT	68		Wait on Schlumberger Logging Unit.
	05:30 - 06:00	0.50	D	11		R/U Schlumberger Loggers: Run #1: BHC-BEX-HRLA-CAL-GR
12/6/2008	06:00 - 12:00	6.00	D	11		Run BHC-BEX-HRLA-CAL-GR w/ Schlumberger On btm. 1315 hrs. Loggers Td @ 11715' Appears to be 21' of fill Schlumberger picked up 7" casg. shoe at @ 10186' 6' shallower than run tally!
	12:00 - 12:15	0.25	D	11		Safety meeting Running casg.
	12:15 - 15:00	2.75	D	11		Cont. running BHC-BEX-HRLA-CAL-GR Logging Engineer reporting open hole quite sticky Rig out loggers
	15:00 - 15:30	0.50	D	06		Rig Service.
	15:30 - 16:00	0.50	D	12		Rig Up Frank's Westrate Power Tongs.
	16:00 - 16:45	0.75	DT	60		Repair Hydraulic Pipe Skate on rig
	16:45 - 20:00	3.25	D	12		Safety Mtg & Run 42 Jnts; 13.5#, P-110, LT&C, New 4-1/2" Liner. Total length: 1821.75' Liner Hangar: 22.30'
	20:00 - 20:30	0.50	D	12		Rig Out Frank's Power Tong Unit.
	20:30 - 00:00	3.50	D	12		Run 4-1/2" Liner on DP. Circ Liner capacity & Fill every 10 stds.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Running Liner
	00:15 - 04:15	4.00	D	12		Cont. to run Liner on DP; Fill every 10 stds.
	04:15 - 04:30	0.25	D	06		Rig service; Function UPR: 5secs c/o
	04:30 - 06:00	1.50	D	12		Cont. to RIH w/ Liner on DP; Fill DP every 10 stds.
12/7/2008	06:00 - 06:45	0.75	D	12		Cont. running 4 1/2" liner to casg. shoe at @ 10192'
	06:45 - 07:30	0.75	D	08		Install rotating head element Circ. btms. up Had 3160 units gas on btms. up
	07:30 - 09:30	2.00	D	12		Cont. running 4 1/2" liner f/ 10192' - 11200'
	09:30 - 16:30	7.00	D	08		Wash f/ 11200' - 11736' Had 50% losses while washing to btm. starting at 11200' Started going down hole with various sizes of cal. carb., fiber seal & cotton seed hulls Soon as lcn started comming up annulus,



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/7/2008	09:30 - 16:30	7.00	D	08		losses started decreasing By 11420' losses were near 0 Cont. circulating cond. mud and hole Lost 406 bbls. drlg. mud while cleaning to btm. No losses for last 3 hrs.	
	16:30 - 17:00	0.50	D	14		Rig in Schlumberger and Howco cmt'g head Hold safety meeting	
	17:00 - 20:30	3.50	D	14		Cement w/ Schlumberger: Pump 20 bbl Mud Push II PreFlushg @ 13.9ppg. Mix & Pump 180sxs, Class "G", 50:50 GasBLOK + 90lb D035 + 31lb D046 + 895lb D066 + 470lb D154 + 46lb D198 + 23lb D202 + 121lb D400 14.1ppg Cement Slurry. Displaced w/ 20bbls 2% KCL + 20bbls 2% KCL & 50lbs D013 Retarder + 88.1 bbls 13.8ppg Drlg Mud. Bumped Plug @ 2534psi, 700pis over Final circ press @ 1803psi. Released Press, Floats Held: OK. Rupture Disk @ 5200psi, Set Hangar, pressure broke @ 6100psi. Pull off Liner: OK.	
	20:30 - 21:00	0.50	D	09		Perform Positive Pressure Test on Liner Lap: Initial Press: 1510psi Final Press: 1479psi in 20mins.	
	21:00 - 21:45	0.75	D	14		N/D Schlumberger & Halliburton Cmt Head & Equipment.	
	21:45 - 23:45	2.00	D	08		Displace Hole to 2% KCL Fluid. Dumped 71bbls highly cement contaminated drlg. mud.	
	23:45 - 00:00	0.25	D	09		Perform Negative Pressure Test on Liner lap: Initial Press: 0, Final Press: 0 in 17mins.	
	00:00 - 00:15	0.25	D	18		Safety Mtg: Lay Down Drill Pipe.	
	00:15 - 00:30	0.25	D	06		Rig Service.	
	00:30 - 05:45	5.25	D	04		Blow all Surface Equip; POOH & L/D Drill Pipe.	
	05:45 - 06:00	0.25	D	06		Rig Service; Function LPR & UPR: 4secs c/o.	
	12/8/2008	06:00 - 12:00	6.00	D	04		Cont. laying down 4" dp
		12:00 - 12:15	0.25	D	18		Safety meeting Laying down dp
12:15 - 12:45		0.50	D	04		Cont. laying down dp Lay down liner running tool	
12:45 - 16:15		3.50	D	04		Run in 3 std's Dc's & 17 std's dp from derrick Lay down same	
16:15 - 18:30		2.25	D	15		Remove Grant rotating head; Tear out Flare Lines & Manifold.	
18:30 - 20:30		2.00	D	17		R/U & Run PerfLog 3.5" OD Gauge Ring & Junk Basket.	
20:30 - 21:45		1.25	D	17		Wireline Depth: Top of Liner: 9906' Total Depth: 11654'.	
21:45 - 00:00		2.25	D	15		R/U & Run Baker Hughes retrievable Bridge Plug; set @ 78'.	
00:00 - 00:15		0.25	D	18		N/D 7-1/16" 10K BOP's complete.	
00:15 - 01:30		1.25	D	15		Safety Mtg: N/D BOP's.	
01:30 - 03:15		1.75	D	17		Finish N/D 7-1/16" BOP Stack & related equip.	
03:15 - 03:30		0.25	D	06		P/U & N/U Completion BOP's.	
03:30 - 03:45		0.25	D	18		Rig Service.	
03:45 - 05:00	1.25	D	17		Safety Mtg: Baker Tool hand on Bridge Plug retrieval.		
12/9/2008	05:00 - 06:00	1.00	D	01		M/U Baker Retrieving Tool & retrieve Brdige plug; N/U Temporary suspension Cap on Completion BOP's.	
	06:00 - 09:30	3.50	D	01		Dump & Clean Mud Tanks; Pull Mouseholes, Tear down Sub Splash pan & Scaffolding.	
	09:30 - 10:00	0.50	D	01		Pull mouse holes Rig out drill floor	
	10:00 - 12:00	2.00	D	01		Slip drill line	
	12:00 - 12:15	0.25	D	01		Rig out top drive Cleaning out premix tank w/ vaccum truck	
	12:15 - 00:00	11.75	D	01		Safety meeting Rigging out top drive	
	00:00 - 00:15	0.25	D	01		Continue rigging out top drive Cleaning rig mud tanks w/ vaccum truck.	
	00:15 - 06:00	5.75	D	01		Rig out Rig Floor; Swivel & P/U DynaFlex. Tear apart Rotary Chain; Blow EIMaggo & Anti-Freeze; Clean Up Pipe Skate. Finsh cleaning Mud Tanks.	
	06:00 - 12:00	6.00	D	01		Safety Mtg: Overhead Loads.	
	12/10/2008	06:00 - 12:00	6.00	D	01	Continue to Rig Out Floor; Pull all Pason Cords. Rig out Choke & Flare lines & Manifold Shack. Start pulling Power Cords. Power wash Substructure. Start unstrapping Prefabs.	
						Rig out racking floor Remove V door ramp and stairs Stairs going to	



Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
Common Well Name: KOFFORD 2-36B5
Event Name: DRILLING
Contractor Name: PRECISION
Rig Name: PRECISION

Spud Date: 8/20/2008
Start: 7/30/2008 End: 12/11/2008
Rig Release: 12/10/2008 Group:
Rig Number: 426

Table with columns: Date, From - To, Hours, Code, Sub Code, Phase, Description of Operations. Contains detailed log entries for 12/10/2008 and 12/11/2008.



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/31/2008	06:00 - 06:01	0.02	D	18		Build Location
8/21/2008	06:00 - 06:01	0.02	D	18		SET 20"
8/28/2008	08:00 - 10:00	2.00	D	01		Move on ProPetro rig 5.
	10:00 - 21:30	11.50	D	03		Spud W/ 17.5 " bit and drill to 660'. Circ. bottom up.
	21:30 - 22:30	1.00	D	04		TOH to run csg.
	22:30 - 00:30	2.00	D	12		Run 14 jts of 13 3/8 " 54.5 lb, J-55, landed @ 626.9'.
	00:30 - 00:45	0.25	D	14		Rig cementers
	00:45 - 03:15	2.50	D	14		Cement w/ 600 sks "G" 2 % Cacl2 & 0.25 sks flozell. Plug down 03:11 hrs 08/28/2008. float helt, 10 bbls cement returns
10/12/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting with WestRoc Oilfiel Ser. Tearing out drlg. rig
	07:30 - 19:30	12.00	D	01		Load out Well site trailers and move to Kofford 2-36B5 Rig up trailers on new loc. Derrick down @ 1700 hrs. Trailers hooked up by 1500 hrs.
	19:30 - 06:00	10.50	D	01		W O Day Light
10/13/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crews
	07:30 - 15:45	8.25	D	01		Cont. rigging down Unpin top 2 sections of derrick, set on trailer w/ travelling blocks and drlg. line spool (did not unstring travelling blocks)
						Cont. unpinning derrick, remove and send back mud cleaner and vaccum degasser to Zeco in Vernal
	15:45 - 19:00	3.25	DT	67		While attempting to pull draw works back over centre using the rigs loader, the stinger (which was not locked into operating position) came off striking Darrel Sauer (rig manager) Ambulance was called to loc. Darrel was taken to Roosevelt medical centre, where he was checked out and found to have several broken ribs, broken pelvis and broken right femur With these extensive injuries he was air lifted to Salt Lake City for further treatment Rig move was shut down for the remainder of the day , while statements were taken from all witnesses to the accident
	19:00 - 06:00	11.00	DT	67		Wait on day light
10/14/2008	06:00 - 07:00	1.00	DT	67		Wait on day light
	07:00 - 07:30	0.50	DT	67		Safety meeting w/ rig movers & drlg. crews
	07:30 - 19:30	12.00	D	01		Cont. dismantling derrick Load out mud tanks, mud pumps and all support buildings Clean up and load out all available matting Haul all available loads to new loc.
	19:30 - 06:00	10.50	D	01		Shut down Wait on day light
10/15/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & drlg. crew
	07:30 - 19:30	12.00	D	01		Unable to get hydraulic system to work (system used to lower draw works) Prepare draw works to be removed by crane Draw works down at 1400 hrs. Lower draw works elevating system using 2 cranes Cont. dismantling derrick
	19:30 - 06:00	10.50	D	01		Wait on day light
10/16/2008	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:30	12.00	D	01		Spot matting (sub base , mud tank area) Spot and pin together sub structure Raise A legs Level sub base Set in and pin draw works & lifting system Hydraulic technican trouble shooting & making repairs to hydraulic system Put up prefabs around draw works, dog house area Pin derrick together, install all spreaders in derrick Spot and level all support buildings Spot mud pumps, mud tanks and Bos premix tank
	19:30 - 06:00	10.50	D	01		Shut down wait on day light
10/17/2008	06:00 - 07:00	1.00	D	01		Wait on day light

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/17/2008	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers and rig crews
	07:30 - 19:30	12.00	D	01		Install hydraulic pump & ck. out hydraulic unit Raise & pin draw works (no problems) Hook up bridle line Prepare & ck. out derrick Set in place cable trays and suit cases Run and hook up all electric cables, air lines, fuel lines, etc. Start assembling wind wall (prefab) frame (large gig saw puzzle) Cont. with general rig up Will raise derrick in AM Keeping 1 crane on loc. to finish rigging up
10/18/2008	19:30 - 06:00	10.50	D	01		Shut down wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ rig movers & rig crews
	07:30 - 19:00	11.50	D	01		Install new winch on monkey board Repair & clean derrick lights Grease all sheaves in derrick Raise derrick, up at 1305 hrs. Set racking platform in place & put on prefabs before rasing Set all stairs and cat walk in place Cont. with general rig up
10/19/2008	19:00 - 06:00	11.00	D	01		Shut down Wait on day light
	06:00 - 07:00	1.00	D	01		Wait on day light
	07:00 - 07:30	0.50	D	01		Safety meeting w/ crane operator & rig crews
	07:30 - 12:00	4.50	D	01		Cont. assembling roof over mud tanks & mud pumps Welding crew fabricating & making modifications to prefab structure
10/20/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up structure for winterization
	12:15 - 06:00	17.75	D	01		Rig in hydraulic unit & drill floor Rig in top drive Cont. with general rig up
	06:00 - 06:15	0.25	D	01		Safety meeting Rigging in top drive
	06:15 - 12:00	5.75	D	01		Cont. rigging in top drive & service loop Rig up drill floor Install splash pan and scaffolding
10/21/2008	12:00 - 12:15	0.25	D	01		Safety meeting Putting up wind wall structure
	12:15 - 17:00	4.75	D	01		Hook up bop hoses Circ. water thru out rig (repaired a few leaks) Cont. working on mud tank cover
	17:00 - 20:15	3.25	D	10		Cut off conductor pipe and 13 3/8" casg. Weld on 13 3/8" x 13 5/8" 5k Weatherford casg. bowl Pressure test weld to 1000 psi for 15 min. Ok
	20:15 - 00:00	3.75	D	10		Nipple up 13 5/8" 5k class V Bop & manifold system
	00:00 - 00:15	0.25	D	15		Held Safety Mtg: P/U & N/U BOP's and Rotating Head.
	00:15 - 06:00	5.75	D	10		Nipple Up 13 5/8" 5k Class V BOP's, Choke & Kill Lines, Manifold Lines & Rotating Head.
	06:00 - 06:15	0.25	D	15		Safety meeting Nippling up bop
	06:15 - 10:00	3.75	D	15		Cont. nipping up 13 5/8" Bop
10/22/2008	10:00 - 13:00	3.00	D	18		All Precision, Elpaso and service personel attended prespud meeting at community centre in Duchene
	13:00 - 22:00	9.00	D	15		Cont. hooking up choke and kill line, Install new Choke & Kill Line 10K Flex hoses.
	22:00 - 00:00	2.00	D	15		Rig Up Choke Line to Manifold Shack. Hook up Hyd. Lines on BOP's.
	00:00 - 00:15	0.25	D	15		Held Safety Mtg on N/U Press Test.
	00:15 - 01:15	1.00	D	15		Function Test Accumulator, Annular, HCR, Pipe & Blind Rams; Blind Rams had a faulty union on ram body.
	01:15 - 06:00	4.75	D	15		Cont. to Torque all BOP equipment Bolts; Move 10K 7-1/16" Stack, P/U mouseholes and prep rig floor to Press Test
	06:00 - 06:15	0.25	D	09		Safety meeting Press. testing
	06:15 - 12:00	5.75	D	09		Rig in Weatherford press. tester Press. test casg. to 1000 psi Install weatherford test plug Press. test blind rams, well head flanges, both choke and kill line valves, choke line, all choke manifold valves Screw back into test plug and press test pipe rams, annular preventor, stabbing valve and inside bop Press. tested mud line back to mud pumps Test pressures 300psi low and 5000psi high 10 min. duration Repaired 3



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/22/2008	06:15 - 12:00	5.75	D	09		minor leaks on choke line Annular tested to 300psi low and 3750psi high 10 min. duration Conduct 4 function test with acc. shut off Final acc. press. 1800psi Recharge to 3000psi in 2min. 25 sec's
	12:00 - 12:15	0.25	D	10		Safety meeting
	12:15 - 12:45	0.50	D	09		Install wear bushing
	12:45 - 15:45	3.00	D	10		Rig in relief line f/ choke manifold to reserve pit and flare tank
	15:45 - 00:00	8.25	D	01		Continue to R/U and Prep to Spud: Finish installing Flare Lines & Flare Stack, Install Turnbuckles on Torque Tube, Install Line Spooler and Hook up Fill Up Lines.
10/23/2008	00:00 - 00:15	0.25	D	06		Safety Mtg: Slip & Cut Drilling Line, P/U BHA.
	00:15 - 01:00	0.75	D	06		Perform Precision Pre-Spud Inspection.
	01:00 - 03:00	2.00	D	06		Slip & Cut Drg Line.
	03:00 - 06:00	3.00	D	04		M/U PDC Bit #1: MS1677BZ and P/U BHA.
	06:00 - 10:15	4.25	D	04		Cont. picking up BHA Tag up @ 546'
	10:15 - 10:30	0.25	D	06		Rig Service
	10:30 - 16:00	5.50	D	13		Drill out cmt. f/ 546' - 608' (hard cmt. / slow drilling) Drill out plug, float collar & cmt. to 638'
	16:00 - 17:45	1.75	DT	54		Install rotating head riser ext. Clamp holding ext. in place was rusted solid Work on clamp for 30 min. to get it freed up Realign torque tube Was not aligned properly, pushing drill string against rotary table bushings
	17:45 - 18:30	0.75	D	13		Cont. drlg. out cmt. f/ 638' to 660'.
	18:30 - 23:00	4.50	D	03		Drill 12 1/4" Hole f/ 660' - 941'
10/24/2008	23:00 - 23:15	0.25	D	18		Held BOP Drill: Well secure & Crew in positions: 108secs. Function Pipe Rams: 6secs c/o
	23:15 - 23:30	0.25	D	03		Drill 12 1/4" Hole f/ 941' - 1011'
	23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection Time.
	00:00 - 00:15	0.25	D	18		Held Crew Safety Mtg: Making mousehole Connections.
	00:15 - 02:15	2.00	D	03		Drill 12 1/4" Hole f/ 1011' - 1263'
	02:15 - 02:30	0.25	D	06		Rig Service; function Annular: 15secs c/o
	02:30 - 06:00	3.50	D	03		Drill 12 1/4" Hole f/ 1263' - 1584'.
	06:00 - 12:00	6.00	D	03		Drill f/ 1584' - 2156'
	12:00 - 12:15	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:15 - 12:30	0.25	D	18		Held Safety Mtg: Steam Use.
	12:30 - 20:30	8.00	D	03		Drill 12 1/4" Hole f/ 2156' - 2940'; Well Flow increased.
	20:30 - 21:30	1.00	DT	55		Well Flowing @ 15%; Shut well in & Monitor pressures: 50psi max SIP; Install Rotating Head.
	10/25/2008	21:30 - 00:00	2.50	D	03	
00:00 - 00:15		0.25	D	18		Safety Mtg: Well Control.
00:15 - 02:00		1.75	D	03		Drill 12 1/4" Hole f/ 3020' - 3090'.
02:00 - 02:15		0.25	DT	55		Flow Check well @ 3090': Well Flowing @ 160+ gpm.
02:15 - 02:30		0.25	D	03		Drill 12 1/4" Hole f/ 3090' - 3093'.
02:30 - 03:00		0.50	DT	55		Shut well in: SIP: 60 psi; Mix surface mud for displacing.
03:00 - 03:45		0.75	D	03		Drill 12 1/4" Hole f/ 3093' - 3100'; Dispalce hole to 8.9# Mud.
03:45 - 04:00		0.25	DT	55		Flow Check well once hole displaced to 8.9# Mud: Well Static.
04:00 - 05:00		1.00	D	18		Change out Shaker Screens.
05:00 - 06:00		1.00	D	03		Drill 12 1/4" Hole f/ 3100' - 3130'
06:00 - 06:45		0.75	D	03		Drill f/ 3130' - 3153'
06:45 - 07:00		0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
07:00 - 11:45		4.75	D	03		Drill f/ 3153' - 3274'
11:45 - 13:15	1.50	DT	60		Repair hydraulic hose on top drive	
13:15 - 13:30	0.25	D	03		Safety meeting Bop drills	



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/25/2008	13:30 - 15:15	1.75	D	03		Drill f/ 3274' - 3320'
	15:15 - 15:45	0.50	D	08		Circ. btms. up
	15:45 - 22:00	6.25	D	04		Flow Ck. Static POH 5 std's Flow Ck. Pump trip pill Cont. POH w/ bit #1
	22:00 - 22:30	0.50	D	04		Break & L/D MWD Tool; Break off Bit. Flow Check out of Hole: Well Static. Function Test Blind Rams: 5secs c/o.
	22:30 - 23:00	0.50	D	04		M/U New Bit: MS-1677DU & Run in Hole to top of MWD.
	23:00 - 00:00	1.00	D	06		Rig Service; Service Top Drive; Function Pipe Rams: 5secs c/o. Clean Up Rig Floor for Tripping.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping.
10/26/2008	00:15 - 05:00	4.75	D	04		M/U new MWD Tool & RIH; Flow Check @ BHA- Well Static, Pulse Test MWD: OK; Cont to RIH w/ Bit #2; Fill Pipe Break Circ & Wash to Bttm f/ 2994' - 3320': 2' Fill on Bttm.
	05:00 - 06:00	1.00	D	03		Break in Bit & Drill 12 1/4" Hole f/ 3320' - 3363'.
	06:00 - 12:00	6.00	D	03		Drill f/ 3363' - 3612'
	12:00 - 12:15	0.25	D	18		Safety meeting Weekend Awareness
	12:15 - 16:45	4.50	D	03		Drill f/ 3612' - 3740'
	16:45 - 17:00	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	17:00 - 22:30	5.50	D	03		Drill f/ 3740' - 3869'.
	22:30 - 23:30	1.00	DT	60		Replace #2 Pump washed Pop Valve Housing.
	23:30 - 00:00	0.50	D	05		Accumulated Survey and Connection Time.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Weekend Awareness
	00:15 - 03:45	3.50	D	03		Drill f/ 3869' - 3932'.
10/27/2008	03:45 - 04:00	0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
	04:00 - 06:00	2.00	D	03		Drill f/ 3932' - 3970'
	06:00 - 10:30	4.50	D	03		Drill f/ 3970 - 4060' Drill f/ 3970' - 4006' w/ 1 pump at 120 spm (546 gpm) while waiting on new pop valve
	10:30 - 12:00	1.50	D	03		Acc. connection & survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Lock out procedures
	12:15 - 13:30	1.25	D	03		Drill f/ 4060' - 4090'
	13:30 - 14:00	0.50	DT	65		Blew pop valve Reset Pump press. has increased f/ 2500psi to 2800 - 3500 psi after pop valve blew Appears something was sucked thru nozzles when pop valve blew ?
	14:00 - 15:30	1.50	D	03		Drill f/ 4090' - 4114'
	15:30 - 16:00	0.50	D	06		Rig Ser. Function annular preventor c / o 12 sec's Ck. crown saver
	16:00 - 17:15	1.25	D	03		Drill f/ 4114' - 4142' Pop valve blew Unable to continue drilling due to increasing pump pressure
	17:15 - 00:00	6.75	DT	62		Flow Check on Bttm; Pull 5 std's; Flow Check & Pump Pill; Cont. to POOH Flow Check @ 2213'; top of BHA & Out of Hole. Function Blind Rams: 6secs c/o.
10/28/2008	00:00 - 00:15	0.25	DT	62		Safety Mtg.
	00:15 - 02:30	2.25	DT	62		Pull & L/D MWD Tool: OK; Check Motor - Brgs very Ruogh, Break Bit - Nozzles plugged with Motor stator rubbers. L/D Mud Motor. Monitor well on Trip Tank: Well Static.
	02:30 - 03:00	0.50	DT	62		Rig Service; Function Pipe Rams: 5secs c/o.
	03:00 - 05:30	2.50	DT	62		Wait on 8" Mud Motor from Vernal.
	05:30 - 06:00	0.50	DT	62		P/U Smith MDI 716 & 8" Mud Motor.
	06:00 - 08:45	2.75	DT	62		RIH w/ bit #3 Flow ck. at casg. shoe @ 660' Well static Cont. RIH to 935' Unable to ck. Mwd Mud going over rotating head
	08:45 - 09:45	1.00	DT	62		Install rotating head element Ck. Mwd OK
	09:45 - 10:45	1.00	DT	62		Cont. RIH to 3324' Hit bridge
	10:45 - 12:00	1.25	DT	56		Wash and ream intermittent bridges f/ 3324' - 3744'
	12:00 - 12:15	0.25	DT	62		Safety meeting Tripping in hole



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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/28/2008	12:15 - 15:00	2.75	DT	56		Cont. washing & reaming f/ 3744' - 4142'
	15:00 - 21:30	6.50	D	03		Drill 12 1/4" Hole f/ 4142' - 4356'.
	21:30 - 21:45	0.25	D	06		Rig Service; Function Annular: 22 secs c/o
	21:45 - 23:30	1.75	D	03		Drill 12 1/4" Hole f/ 4356' - 4422'.
	23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection Time.
	00:00 - 00:15	0.25	D	18		Held Safety Mtg:
	00:15 - 01:30	1.25	DT	60		Circ hole while cleaning out each pump; check all valves on each due to pressure loss. Clean out plugged up valves as required.
10/29/2008	01:30 - 04:45	3.25	D	03		Drill 12 1/4" Hole f/ 4422' - 4479'.
	04:45 - 05:00	0.25	D	06		Rig Service; Function Pipe Rams: 4secs c/o
	05:00 - 06:00	1.00	D	03		Drill 12 1/4" Hole f/ 4479' - 4500'.
	06:00 - 11:30	5.50	D	03		Drill f/ 4500' - 4575'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Mouse hole connections
	12:15 - 15:15	3.00	D	03		Drill f/ 4575' - 4604'.
	15:15 - 15:45	0.50	DT	64		Attempt to Survey; Tool Failed.
	15:45 - 19:30	3.75	D	03		Drill 12 1/4" Hole f/ 4604' - 4644'.
	19:30 - 20:15	0.75	D	08		Circ Btms up prior to Tripping.
	20:15 - 20:30	0.25	DT	64		Attempt to Survey; Tool failed.
	20:30 - 00:00	3.50	D	04		Trip for Bit due to PR: Flow Check on Bttm: well static; Pull 5 stds; Flow Check: well static; Pump Pill & Cont to POOH; Flow Check @ 2336'; @897'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: L/D & P/U Mud Motors
	00:15 - 02:00	1.75	D	04		Finish POOH to Bit. Hole Fill: Calc: 59.07 bbls Act: 71.85 bbls Diff: 12.78 bbls
02:00 - 04:00	2.00	D	04		Pull MWD; Break Bit/L/D 8" Mud Motor. Flow Check while out of Hole: Well Static. Function Blind Rams: 5secs c/o. P/U 9- 5/8" Mud Motor.	
04:00 - 05:00	1.00	DT	64		Muleshoe in UBHO Sub washed out; Change out same.	
05:00 - 06:00	1.00	D	04		M/U Reed DSX70HF-GV; Install new MWD Tool & RIH.	
06:00 - 08:00	2.00	D	04		Finish running in with BHA	
08:00 - 09:15	1.25	D	05		Flow Ck. Install rotating head element Pulse test MWD	
09:15 - 10:15	1.00	D	06		Slip and cut drill line	
10:15 - 12:00	1.75	D	04		RIH to 4511'	
12:00 - 12:15	0.25	D	06		Safety meeting Loader operations	
12:15 - 13:30	1.25	D	07		Wash and ream f/ 4511' - 4644' No noticeable fill on on btm.	
13:30 - 17:00	3.50	D	03		Drill f/ 4644' - 4706' Drlg. brk. 4677' - 4706' Pent. rate increased f/ 10' / hr. to 102' / hr.	
17:00 - 18:15	1.25	DT	56		Work tight hole f/ 4706' up to 4650' Worked tight hole numerous times till hole freed up	
18:15 - 21:00	2.75	D	03		Drill f/ 4706' - 4765'.	
21:00 - 21:15	0.25	D	06		Rig Service; function Annular: 23 secs c/o	
21:15 - 23:30	2.25	D	03		Drill 12 1/4" Hole f/ 4765' - 4840'	
23:30 - 00:00	0.50	D	05		Accumulated Survey & Connection	
00:00 - 00:15	0.25	D	06		Held safety Mtg: Rig Servicing	
00:15 - 03:30	3.25	D	03		Drill 12 1/4" Hole f/ 4840' - 4955'	
03:30 - 03:45	0.25	D	06		Rig Service.	
03:45 - 06:00	2.25	D	03		Drill 12 1/4" Hole f/ 4955' - 5075'.	
06:00 - 10:15	4.25	D	03		Drill f/ 5075' - 5260'	
10:15 - 11:15	1.00	D	05		Acc. survey time	
11:15 - 12:00	0.75	D	03		Acc. connection time	
12:00 - 12:15	0.25	D	18		Safety meeting Driving crew truck	
12:15 - 17:15	5.00	D	03		Drill f/ 5260' - 5430' Casg. Pt.	
17:15 - 18:15	1.00	D	08		Circulate and condition mud	

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2008	18:15 - 18:30	0.25	D	05		Survey @ 5361' was inc. 1.0 az 187.2
	18:30 - 23:45	5.25	D	04		Wiper trip up to shoe @ 660', pull rot. rubber and flow check @ 5289' well static, flow check @ 4952', well static, pump pill, Pull tight @ 4889', back ream out to 4693'. Flow check @ 4026' well static, pump pill, Flow check @ 2618' and 819', well static
	23:45 - 00:00	0.25	D	06		Service rig, function pipe rams, 4 sec. C/O
	00:00 - 00:15	0.25	D	18		Safety Meeting
	00:15 - 05:30	5.25	D	04		TIH, Flow check @ 2725', well static, install rot. head and fill pipe, Cont. TIH, wash and ream f/ 4495' to 5075' and wash last 2 stands to bottom.
11/1/2008	05:30 - 06:00	0.50	D	08		Circulate and cond. hole for casing
	06:00 - 07:30	1.50	D	08		Circ. cond. mud & hole
	07:30 - 13:30	6.00	D	04		POH w/ bit #4 Pull 5 std's Flow ck. Well static Pump trip pill Cont. POH flow Ck. at 2600', 903'
	13:30 - 14:45	1.25	D	04		Lay down directional tools, stab, 3 - 9" dc's and 9 5/8" mud motor
	14:45 - 16:15	1.50	D	04		Flow ck. OOH Well static Pull wear bushing
	16:15 - 19:15	3.00	D	12		Safety meeting with Tesco Rig in Tesco casg. running tool
	19:15 - 22:30	3.25	D	12		Safety meeting, running csng, Run 9 5/8" casing, Circulate on joint #3 and joint #20, Hole quit displacing fluid on joint #36 @ 1647'
	22:30 - 00:30	2.00	DT	57		Fill pipe, try to circ. would not circ. Mix and pump 40 bbl LCM pill while working pipe, Partial returns on up stroke and staying full going down. but would not circ.
	00:30 - 02:45	2.25	DT	57		Build volume from pre-mix and mix LCM pill, 45 vis, 9.8 wt. and 10% LCM
	02:45 - 03:15	0.50	DT	57		Pump pill and establish circulation
03:15 - 06:00	2.75	DT	57		Run 9 5/8" casing, Hole quit displacing jt. # 47 @ 2158', Pump LCM pill and establish circ. lost 75 bbls, Cont. running csng.	
11/2/2008	06:00 - 12:00	6.00	D	12		Run 9 5/8 surface casg. to 4851'
	12:00 - 12:15	0.25	D	18		Safety meeting Running casg.
	12:15 - 14:15	2.00	D	12		Cont. running casg. Ran 118 jts. 9 5/8" N80 40# LT&C casg. Length with FS & FC @ 5426.75'
	14:15 - 16:30	2.25	DT	57		Circ. casg. Adding LCM to mud system to combat losses
	16:30 - 17:00	0.50	D	12		Rig out Tesco casg. running tool
	17:00 - 17:45	0.75	D	08		Cont. circ. casg. Wash last 4 jts. casg. to btm.
	17:45 - 18:00	0.25	D	18		Safety meeting with Halliburton
	18:00 - 21:45	3.75	D	14		Rig in Halliburton cementers Cmt'd casg. w/ 20 bbl. 10ppg Super flush 101 - SBM followed by 10 bbls. water followed by 830 sx (520.3 bbls.) 11ppg Varicem (TM) cement followed by 270 sx (55.7 bbls.) 15.8ppg Premium - class "G" cmt. Cmt. volumes based on gauge hole plus 100% excess in open hole Displaced cmt. with 408.5 bbls. 10 ppg drlg. mud Good returns thru out cmt'g & displacing Bump plug w/ 1100psi Floats held OK Plug down @ 2141 hrs. Nov.1 / 08 Had 150 bbls. good cmt. for returns No drop in annulus Shoe @5423' Float collar @ 5386'
11/3/2008	21:45 - 04:00	6.25	D	14		Wait on cmt. Four bolt flanges while W O C
	04:00 - 06:00	2.00	D	15		Unbolt and lift bop
	06:00 - 06:15	0.25	D	15		Safety meeting Lifting Bop's
	06:15 - 08:00	1.75	D	15		Nipple down and lift bop
	08:00 - 17:00	9.00	D	15		Cut off 9 5/8" & 13 3/8" casg. Make final cut on 9 5/8" casg. Weld on 10" 5k Weatherford casg. bowl Press. test weld to 1500 psi Install 13 5/8 x 13 5/8 5K B SPOOL Nipple bop back up
	17:00 - 02:15	9.25	D	09		Rig in Weatherford test unit Hold safety meeting Press. test casg. to 1500 psi 30 min. Ok Install Weatherford test plug Press. test well head flanges, both inner and outer choke & kill line valves, choke line & all choke manifold valves, pipe rams, blind rams , upper and lower kelly cocks



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2008	17:00 - 02:15	9.25	D	09		, stabbing valve & inside bop Inside bop not holding (will change it out) Annular preventor to 300psi low and 3750psi high All other tests 300psi low and 5000psi high 10 min. duration Acc. Ck Conduct 4 function test w/ acc. shut off Final acc. press. 2100 psi Recharge to 3000 psi in 2 min. 58 sec's
	02:15 - 02:30	0.25	D	06		Rig Ser.
	02:30 - 05:00	2.50	D	15		Finish rigging in gas buster
	05:00 - 06:00	1.00	D	04		Make up BHA
11/4/2008	06:00 - 07:30	1.50	D	04		Cont. making up BHA
	07:30 - 12:00	4.50	D	04		Cont. RIH Tagged up at 5374'
	12:00 - 12:15	0.25	D	04		BOP drill Well secure in 115 sec's
	12:15 - 13:45	1.50	D	13		Drill out down to float collar at 5386' Drill plug, float collar, cmt., and float shoe from 5386' to 5423' Clean out down to 5430'
	13:45 - 14:30	0.75	D	03		Drill 8 3/4" hole f/ 5430' - 5440'
	14:30 - 15:15	0.75	D	08		Circ. hole clean
	15:15 - 16:00	0.75	D	09		Run FIT test equivalent to .8 psi / ft. Held good
	16:00 - 19:15	3.25	D	03		Drill f/ 5440' - 5628' Displace hole to water
	19:15 - 19:30	0.25	D	18		BOP drill Well secure in 98 sec's
	19:30 - 21:30	2.00	D	03		Drill f/ 5628' - 5754'
	21:30 - 21:45	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	21:45 - 22:45	1.00	D	03		Drill f/ 5754' - 5942'
	22:45 - 00:00	1.25	D	03		Acc. survey and connection time
	00:00 - 00:15	0.25	D	18		Safety meeting Rotary table
	00:15 - 03:45	3.50	D	03		Drill f/ 5942' - 6125'
	03:45 - 04:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	04:00 - 05:00	1.00	D	03		Drill f/ 6125' - 6252'
	05:00 - 06:00	1.00	D	03		Acc. survey and connection time
11/5/2008	06:00 - 11:15	5.25	D	03		Drill f/ 6250' - 6650'
	11:15 - 12:00	0.75	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Making mouse hole connections
	12:15 - 16:00	3.75	D	03		Drill f/ 6650' - 6923' Starting to see fair amount of gas at shakers on btms. up after connections
	16:00 - 16:30	0.50	D	06		Rig Ser. Install rotating head element
	16:30 - 17:00	0.50	D	03		Drill f/ 6923' - 6981' Had 5309 units connection gas
	17:00 - 17:30	0.50	D	03		Acc. survey and connection time
	17:30 - 18:45	1.25	D	03		Drill f/ 6981' - 7052' Had 10565 units connection gas Going thru gas buster 30' flare
	18:45 - 20:00	1.25	DT	55		Displace hole to 9.7 ppg drlg. mud Flow Ck. Well static
	20:00 - 23:00	3.00	D	03		Drill f/ 7052' - 7150'
	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety meeting Mouse hole connections
	00:15 - 01:15	1.00	D	03		Drill f/ 7150' - 7232'
	01:15 - 01:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	01:30 - 05:00	3.50	D	03		Drill f/ 7232' - 7480' Bk. grd. gas 200 units Connection gas 420 - 500 units
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
11/6/2008	06:00 - 11:30	5.50	D	03		Drill f/ 7480' - 7732'
	11:30 - 12:00	0.50	D	03		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting Replacing hyd. rams on cat walk
	12:15 - 18:00	5.75	D	03		Drill f/ 7732' - 8037'
	18:00 - 19:00	1.00	D	03		Acc. connection and survey time
	19:00 - 23:15	4.25	D	03		Drill f/ 8037' - 8400'
	23:15 - 23:30	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's

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Operations Summary Report

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 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/6/2008	23:30 - 00:00	0.50	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Long change
	00:15 - 02:30	2.25	D	03		Drill f/ 8400' - 8470'
	02:30 - 02:45	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	02:45 - 05:00	2.25	D	03		Drill f/ 8470' - 8660' Bk. Grd. gas 135 units Connection Gas 463 units
11/7/2008	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 10:15	4.25	D	03		Drill f/ 8660' - 8811'
	10:15 - 10:30	0.25	D	18		BOP Drill Well secure in 63 sec's
	10:30 - 11:45	1.25	D	03		Drill f/ 8811' - 8929'
	11:45 - 12:00	0.25	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety Meeting Boiler and steam hazards
	12:15 - 14:45	2.50	D	03		Drill f/ 8929' - 9036'
	14:45 - 15:00	0.25	D	06		Rig Ser. Function HCR o / c 3 sec's
	15:00 - 17:15	2.25	D	03		Drill f/ 9036' - 9200'
	17:15 - 18:00	0.75	D	05		Acc. connection and survey time
	18:00 - 23:00	5.00	D	03		Drill f/ 9200' - 9500' At 9250' down hole losses increased f/ 5-6 bph to 25 bph Increased lcm in sweeps f/ 40 ppb to 60 ppb
	23:00 - 00:00	1.00	D	03		Acc. connection and survey time
	00:00 - 00:15	0.25	D	18		Safety Meeting Loader inspection
00:15 - 04:45	4.50	D	03		Drill f/ 9500' - 9712' BGG 525 - 824 units Connection Gas 1800 units Pumping 5 bbls. w/ 60 ppb lcm sweeps every 30' Losses at present 6 - 10 bph	
11/8/2008	04:45 - 05:00	0.25	D	06		Rig Ser. Function pipe rams c / o 4 sec's
	05:00 - 06:00	1.00	D	03		Acc. connection and survey time
	06:00 - 06:15	0.25	D	05		Acc. connection and survey time
	06:15 - 09:15	3.00	D	03		Drill f/ 9712' - 9755' Bit started slowing down at 9735'
	09:15 - 10:30	1.25	D	08		Circ. btms. up
	10:30 - 12:00	1.50	D	04		Flow Ck. Pull 5 std's Flow Ck. Well static Pump trip pill Cont. POH w/ bit #5
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping out of hole
	12:15 - 17:30	5.25	D	04		Cont. POH with bit #5 Flow Ck'd at 5423', 750', OOH Well Static
	17:30 - 19:15	1.75	D	05		Function blind rams c / o 4 sec's Change bits, Ck. float, Change out washed mule shoe, Surface test MWD
	19:15 - 23:15	4.00	D	04		RIH w/ bit # 6 to casg. shoe at 5430' Fill dp and circ. btms. up 480 units gas
	23:15 - 23:30	0.25	D	06		Rig Ser.
	23:30 - 00:00	0.50	D	06		Slip and cut drill line
	00:00 - 00:15	0.25	D	18		Safety meeting Slip and cut drill line
	00:15 - 00:45	0.50	D	04		Change quill on top drive
	00:45 - 01:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
11/9/2008	01:00 - 02:00	1.00	D	04		RIH to 5755'
	02:00 - 02:15	0.25	D	05		Pulse test MWD
	02:15 - 04:30	2.25	D	04		RIH to 9600'
	04:30 - 05:00	0.50	D	07		Wash & ream f/ 9600' - 9755' Had 4' fill
	05:00 - 05:30	0.50	D	08		Circ. out trip gas thru gas buster 11972 units 25' flare
	05:30 - 06:00	0.50	D	03		Drill f/ 9755' - 9757'
	06:00 - 11:00	5.00	D	03		Drill f/ 9755' - 9854'
	11:00 - 12:00	1.00	D	05		Acc. connection and survey time
	12:00 - 12:15	0.25	D	18		Safety meeting House cleaning
	12:15 - 12:30	0.25	D	06		Rig Ser. Function pipe rams c / o 5 sec's
	12:30 - 16:15	3.75	D	03		Drill f/ 9854' - 9995'
	16:15 - 17:00	0.75	D	05		Acc. connection and survey time

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/9/2008	17:00 - 19:30	2.50	D	03		Drill f/ 9995' - 10040'
	19:30 - 20:15	0.75	DT	56		Work tight hole on connection Back reamed f/ 10040' up to 9969'
	20:15 - 20:30	0.25	D	05		Worked this area several times before making connection
	20:30 - 23:00	2.50	D	03		Acc. survey time
	23:00 - 23:30	0.50	D	06		Drill f/ 10040' - 10106'
	23:30 - 00:00	0.50	D	05		Rig Ser. Change out rotating head element
	00:00 - 00:15	0.25	D	18		Acc. connection and survey time
	00:15 - 02:00	1.75	D	03		Safety meeting Changing out rotating head element
	02:00 - 06:00	4.00	DT	55		Drill f/ 10106' - 10170'
11/10/2008	06:00 - 10:00	4.00	DT	55		Circ. out gas kick, going thru gas buster Mud wt. in 10.3 ppg out 10.2 ppg Raising mud density to 10.8 - 11 ppg At 0600 hrs. Mud wt. in 10.8 PPG Out 10.2 ppg Lost 85 bbls. drlg. mud down hole in last 1 hr. Adding 60 - 70 PPB LCM to mud system to combat losses to form. At present gas reading staying around 8500 - 9000 units
	10:00 - 11:15	1.25	D	03		Cont. circulating thru gas buster raising mud density f/ 10.3 to 11 ppg
	11:15 - 12:00	0.75	D	03		Adding 70 ppb lcm to mud system to combat lost circ. At 1000 hrs. had 10.8 ppg mud wt. Flare went out Mud tank volume returned to normal
	12:00 - 12:15	0.25	D	18		Flow Ck. well static
	12:15 - 12:45	0.50	D	03		Drill f/ 10170' - 10199'
	12:45 - 06:00	17.25	DT	55		Acc. connection and survey time
						Safety meeting Mixing mud
11/11/2008	06:00 - 12:00	6.00	DT	57		Drill f/ 10199' - 10204'
	12:00 - 12:15	0.25	DT	57		Circ. thru gas buster 11000 units gas Slowly raising mud wt. while adding lcm for losses Having to raise mud wt. very slow The slightest increase in mud wt. increases losses to form. Cont. circulating, building volume, adding lcm and adding cal. carb. and barite Mud losses in last 24 hrs. 884 bbls. At 0600 hrs. mud wt. IN 11.7 ppg Out 11.6 ppg Very minor losses to form. since 0030 hrs. Still have 12 - 15 flare
	12:15 - 16:00	3.75	DT	57		Cont. circulating, slowly raising mud wt. to 12 ppg As mud wt. neared 11.7ppg in and 11.6 ppg out, losses started increasing and finally lost comp. returns Attempt to fill annulus pumped 20 bbls. drlg. mud No sign of returns Shut well in while building mud volume Lost 622 bbls. drlg. mud while circulating and attempting to wt. up SICP 0 psi
	16:00 - 16:15	0.25	D	06		Safety meeting Bop tagging
	16:15 - 16:45	0.50	DT	57		Leave well shut in while rebuilding mud vol. Recieved 430 bbls. 11.7 ppg drlg. mud from Pioneer 59
	16:45 - 23:15	6.50	DT	57		Rig Ser. Function annular preventor c / o 23 sec's
	23:15 - 02:15	3.00	DT	57		Open Bop Work drill string Pipe is free Rack one std. in derrick Bit depth @10107'
						Shut well back in, while cont. to rebuild mud vol.
						Open well Pumped down dp to ck. if bit was plugged Pumped thru bit with no problem Attempt to top fill annulus Annulus full after pumping 6.60 bbls. Go down dp Got circ. back after pumping 12 bbls. Cont. circulating (pumped 35 bbl. 80 ppb lcm sweep around) Had 8900 units gas on btms. up Lost total of 335 bbls. mud since circulation was regained
		02:15 - 05:15	3.00	DT	57	
11/12/2008	05:15 - 06:00	0.75	DT	57		Cont. circulating Monitoring losses and gas on btms. up
	06:00 - 07:45	1.75	DT	57		Bit depth @ 10107' Circ. across well head thru trip tank , monitoring mud

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/12/2008	06:00 - 07:45	1.75	DT	57		losses Well static
	07:45 - 17:00	9.25	D	04		POH with bit # 6 Hole tight f/ 10107' up to 9280' Pulling 20 - 30000 over string wt. Rest of the trip out went Ok Flow CK'd at 10107', 9280', 7508', 5360', 723', OOH Trip Record Cal. 104.17 bbls. Act. 152.60 bbls. Diff. + 48.43 bbls. Flow CK' for 1 hr. while preparing to run in with bit #7 Well static Layed down all directional tools & two TBR's
	17:00 - 17:15	0.25	D	06		Rig Ser. Function blind rams c / o 4 sec's
	17:15 - 18:00	0.75	DT	60		Change out brk. out line Repair link tilt warning system on top drive
	18:00 - 22:15	4.25	D	04		Make up 8 3/4" retip mill tooth bit RIH; Flow Check @ 777' & 5413'.
	22:15 - 23:00	0.75	D	08		Inatll RBOP; Break Circ & Circ Bttrms Up; Lost returns after 640 strokes.
	23:00 - 23:15	0.25	D	06		Rig Service; Function Annular 23secs c/o
	23:15 - 00:00	0.75	D	04		Cont to RIH to 6350'; monitor well conditions, returns while RIH.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping in Hole
	00:15 - 01:15	1.00	D	04		Cont to RIH to 7227'; Fill Pipe @ 7227'. Cont to RIH to 7901'.
11/13/2008	01:15 - 02:00	0.75	DT	60		Work on Top Drive; Cables on Top Drive were loose and shorted - repaired.
	02:00 - 03:15	1.25	D	04		Cont to RIH; Float paddle stuck @ 8600' showing flow @ 19%, Shut-in well and check surface press = 0; Work float paddle free, Flow Check and cont to RIH to 8892' - Hit Bridge.
	03:15 - 05:30	2.25	DT	57		Ream from 8892' - 9032' while mixing, pumping & spotting high conc. LCM pill from 9032'-8940'. Losses started @ 10bph and increased to 180bph while mixing & spotting LCM.
	05:30 - 06:00	0.50	DT	57		Pull to 8873' andf monitor well on Trip Tank.
	06:00 - 06:30	0.50	DT	57		Cont. observing well Circ. across well head with trip tank pump Well at present is static
	06:30 - 15:00	8.50	DT	57		Start circ. at 60 spm (6.09 bpm) Full returns for first 20 mins. then returns started dropping off After pumping for 35 mins. lost complete returns Shut down pump and went back to circulating accross well head with trip tank pump Well took 12 bbls. mud then gradually went static Cont. observing well while rebuilding premix With premix ready, started to spot 35 bbls. Of 90 ppb lcm in annulus Unable to get mud pumps to work Clean out suctions on both pumps (Clean out completely blocked suctions, remove suction and discharge screens) Cont. with spotting lcm pill Shut down and let form. heal Rebuild premix
	15:00 - 16:00	1.00	D	06		Precision safety superintendants (Jay Brosseau & Dan Lundstrom) inspected drilling rig and held extended safety meetings with all crew members
	16:00 - 00:00	8.00	DT	57		Let form. heal for 4 hrs. Start pump at 60 spm Full returns for 45 mins. Returns were up and down for the next 60 min. (continually adding high concentration of lcm while pumping) Losses after pumping for 120 mins. were very minimal Cont. circulating and adding LCM; Work Pipe from 8842' - 8935'.
	00:00 - 00:15	0.25	DT	57		Hold Safety Mtg: Mixing Chemicals.
	00:15 - 02:15	2.00	DT	57		Cont Mixing high concentrations of LCM; Slowly work pumps up to 95 spm @ 400 gpm; Losses continued to slow rate.Wellbore stabilized with no losses for 45 mins.
11/14/2008	02:15 - 06:00	3.75	DT	56		Start reaming and washing from 8935'- 9250'; Monitor hole losses, Cont. to mix LCM (fine CaCO3 and Fibre seal) while reaming.
	06:00 - 07:00	1.00	DT	56		Cont. washing and reaming f/ 9250' - 9290' Gas increasing f/ 700 units to 11000 units Circ. thru choke manifold and gas buster
	07:00 - 08:15	1.25	DT	57		Clean out shale and lcm f/ both mud pumps, sand trap, mud tank troughs and gas buster



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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2008	08:15 - 11:30	3.25	DT	56		Cont. wash and ream f/ 9290' - 9378'
	11:30 - 12:15	0.75	D	08		Circ. out 11500 units gas thru choke manifold and gas buster
	12:15 - 15:45	3.50	D	07		Cont. wash and ream f/ 9378' - 10204'
	15:45 - 16:30	0.75	DT	57		Clean out shale and lcm f/ both mud pumps
	16:30 - 19:00	2.50	D	08		Circ. cond. mud and hole Initially had a lot of larger pieces of sloughing shale coming out of hole Hole gradually cleaned up Gas has dropped to 18 - 150 units Had very minor mud losses in last 12 hrs.
	19:00 - 00:00	5.00	D	04		Flow Check @ 10193'; POOH for Wiper Trip to Csg Shoe. Flow Checks @ 9722', 8776', 7374'. Hole slightly Tight for 1st 7stds (max 30000# over) then good.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Tripping
	00:15 - 00:45	0.50	D	04		Cont. to Wiper Trip to Csg Shoe; Flow Check @ 5389'
	00:45 - 01:00	0.25	D	06		HOLE FILL: Calc: 44.45bbbls Act: 49.1bbbls Diff: +4.65bbbls
	01:00 - 01:15	0.25	D	04		Rig service; Add oil to Top Drive.
	01:15 - 01:30	0.25	D	18		RIH from 5389' - 5463'
	01:30 - 05:45	4.25	D	04		Held BOP Trip Drill: Crew in position & Well Secure in 2mins 15secs.
	05:45 - 06:00	0.25	D	08		Cont. to RIH from 5463' - 9977'; Wash 3 stds to Btm from 9977'-10204'.
	06:00 - 07:15	1.25	D	04		Circulate Hole Clean prior to tripping for Logs.
11/15/2008	07:15 - 09:15	2.00	D	08		Cont. RIH f/ 5463' - 10190' Fill dp at 7869' Wash & ream f/ 10190' - 10204' Had 15' fill
	09:15 - 12:00	2.75	D	04		Circ. cond. mud and hole Had 8788 units gas on btms. up, decreasing to 289 units after 2 hrs.
	12:00 - 12:15	0.25	D	04		POH to 9754' Flow Ck. Pump trip pill Cont. POH to 7500'
	12:15 - 12:30	0.25	D	06		Safety meeting Tripping dp
	12:30 - 17:30	5.00	D	04		Rig Ser. Function pipe rams c / o 5 sec's
	17:30 - 00:00	6.50	D	11		Cont. POH Flow Ck' at 5445', 727', OOH Well static
	00:00 - 00:15	0.25	D	11		HOLE FILL: Calc: 106.03bbbls Act: 131.7bbbls Diff: 25.67bbbls
11/16/2008	00:15 - 02:30	2.25	D	11		STRAP: Tally: 10229.81' Strap: 10224.68' Diff: -5.13'
	02:30 - 06:00	3.50	D	04		Hold pre job safety meeting Rig in Schlumberger; RIH w/ Log Run #1: PEX-HRLA-BHC-GR.
	06:00 - 09:00	3.00	D	04		Hit Ledges from 8843' to 9289', could not pass 9289'; Log out as per Program.
	09:00 - 12:00	3.00	D	07		Held Safety Mtg: Tripping in Hole
	12:00 - 12:15	0.25	D	18		Finish Log Run #1 & R/O Schlumberger Wireline Logs.
	12:15 - 17:30	5.25	D	07		M/U Rerun MT Bit & RIH for Clean Out. Fill Pipe & Flow Check as req.
	17:30 - 18:00	0.50	D	06		Cont to RIH for Clean Out Trip; Fill Pipe & Flow Check as req.
	18:00 - 19:30	1.50	D	08		Fill Pipe & Break Circ @ 8696'; Ream & Wash from 8698' - 9126'.
	19:30 - 00:00	4.50	DT	56		Safety Mtg:
	00:00 - 04:45	4.75	DT	56		Cont to Ream & Wash to Btm from 9126' - 10204'; Tough, hard reaming from 9250'-9900'; Better hole conditions above & below. Max Gas: 10238 units while reaming below 10100'.
11/17/2008	04:45 - 05:00	0.25	D	06		Rig Service; Function Pipe Rams: 5secs c/o
	05:00 - 06:00	1.00	DT	56		Condition mud and circulate/Monitor gains and losses/Monitor Gas
	06:00 - 09:45	3.75	DT	56		Back ream to 8803'. TOH to 8337'
	09:45 - 12:00	2.25	DT	56		TIH. Wash and ream from 9,232' to 10,200'. Hard reaming from 9232' to 9475'. No losses.
						Lubricate rig, Function pipe 5 second C/O

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/17/2008	09:45 - 12:00	2.25	DT	56		Hole for losses - Well Static.
	12:00 - 12:15	0.25	D	04		Held safety Mtg: Lay Down Drill Pipe.
	12:15 - 16:00	3.75	DT	56		Pull 15 Std Wiper Trip: Backream out of Hole to 8809'; Flow Check & RIH; One tight section from 9255'-9258' had to work through.
	16:00 - 16:15	0.25	D	06		Rig Service; Service Top Drive; Function Pipe Rams-5secs c/o
	16:15 - 17:30	1.25	D	08		Circ & Cond Mud & Hole. Spot 30bbl High Vis Pill on Bttm prior to POOH
	17:30 - 18:45	1.25	D	04		POOH & L/D 5" Drill Pipe. Flow check. Pull rotating head.
	18:45 - 00:00	5.25	D	04		Lay down drill pipe. Flow check.
	00:00 - 00:15	0.25	D	06		Safety meeting on cutting drilling line.
	00:15 - 01:00	0.75	D	04		Lay down drill pipe.
	01:00 - 01:45	0.75	D	06		Cut drilling line.
	01:45 - 02:00	0.25	D	06		Lubricate rig, function annular - 23 second C/O. Adjust brakes.
	02:00 - 06:00	4.00	D	04		Lay down drill pipe.
	11/18/2008	06:00 - 08:45	2.75	D	04	
08:45 - 09:15		0.50	D	12		Pull Wear Bshg.
09:15 - 12:00		2.75	D	12		R/U Tesco Top Drive Casing Running Tool.
12:00 - 12:15		0.25	D	18		Held Pre-Job Safety Mtg: Running Casing w/ Top Drive Casing Tool.
12:15 - 12:45		0.50	D	12		Finish R/U Tesco Top Drive Casing Running Tool.
12:45 - 16:30		3.75	D	12		Make Up Float Shoe, Shoe Jnt, Float Collar & single above with Threadlock to Max Torque" 9960 ft.lbs; Run 7", 29lb, P110, LT&C Casing as per program. Opt. Torque: 7970 ft.lbs
16:30 - 17:30		1.00	DT	60		Repair broken hose on Pipe Skate.
17:30 - 22:30		5.00	D	12		Cont to RIH with 7" Casing as per Program.
22:30 - 23:00		0.50	DT	60		Replace hydraulic hose on pipe skate.
23:00 - 00:00		1.00	D	12		Cont to RIH with 7" Casing as per Program.
00:00 - 00:15		0.25	D	18		Safety Meeting on Running casing.
00:15 - 02:45		2.50	D	12		Cont to RIH with 7" Casing as per Program.
02:45 - 03:15		0.50	D	08		Fill pipe and circulate bottoms up @ shoe.
11/19/2008	03:15 - 03:30	0.25	D	06		Lubricate rig.
	03:30 - 04:00	0.50	DT	67		Problems releasing Tesco running tool.
	04:00 - 06:00	2.00	D	12		Cont to RIH with 7" Casing as per Program.
	06:00 - 12:00	6.00	D	12		Run 227 Jnts, 7", 29 lb, P110, LT&C New Casing. Total Lenght: 10199.7'. landed @ 10199.7'.
	12:00 - 12:15	0.25	D	14		Safety Mtg: Cement Casing.
	12:15 - 13:00	0.75	D	12		Washed to Bttm from 9803' - 10204'; 12' fill on Bttm.
	13:00 - 14:45	1.75	D	12		L/d tag Jnts & P/U landing Jnt.
	14:45 - 15:30	0.75	D	08		Circ & cond Hole for Cmtg; Work casing while circulating.
	15:30 - 15:45	0.25	D	06		Rig service.
	15:45 - 16:30	0.75	D	08		Circulate Mud and circulate/monitor gains and losses/monitor gas. PJSM with Tesco, Schlumberger, Precision crews, and Drilling Supervisors.
	16:30 - 18:00	1.50	D	14		N/D Tesco Top Drive Casing Running Tool & N/U Schlumberger Cement Head & lines. Pressure test lines to 5000#.
	18:00 - 20:15	2.25	D	14		Cement w/ Schlumberger: Cement 7" intermediate casing with 40 Bbl. Mudpush, @ 12.2 ppg, 650 sx. TXI + Adds tail (Yield = 2.16 H2O = 11.488 Gallons per sk. @ 12.5 ppg.) Displace with 376 bbls. of drilling mud @ 12.1 ppg, 46 visc. Full returns through 290 Bbls. displacement. Lost full returns. Circulating pressure prior to loss 892#, dropped to 458# after loss. Bumped plug @ 56#. Pressured to 550#. Released pressure. Float held.
	20:15 - 00:00	3.75	D	14		WOC. Monitor well.
00:00 - 00:15	0.25	D	18		Safety meeting	
00:15 - 01:00	0.75	DT	52		Top fill annulus (between 7" and 9 5/8" casing) with trip tank. Total volumn 16 Bbls.	



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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2008	01:00 - 06:00	5.00	D	10		Nipple down BOPE.
11/20/2008	06:00 - 09:00	3.00	D	10		N/D 13 5/8" 5000# BOP Stack.
	09:00 - 09:15	0.25	D	06		Rig Service.
	09:15 - 12:00	2.75	DT	53		Install Primary Seal, Tbg Spool & attempt to Press Test - Failed.
	12:00 - 12:15	0.25	D	10		Safety MTG: Rig Up BOP's.
	12:15 - 14:00	1.75	DT	53		Cont. to attempt to Press Test Primary Seal - Failed. N/D Tbg Bonnet, Remove H-Plate and take for machining and re-install. Measurements show the Primary Seal is incorrect size and would not seal. Wait on Weatherford Engineering for final resolution.
	14:00 - 14:15	0.25	D	06		Rig service.
	14:15 - 00:00	9.75	DT	53		Wait on return of machined wellhead component; Re-Install, take measurements and 2 primary seals would not fit in Csg Bowl. Wait on Weatherford Engineering for resolution.
	00:00 - 00:15	0.25	DT	53		Safety Meeting on nipple up.
	00:15 - 06:00	5.75	DT	53		Weatherford took packing assembly to machine shop and machined bottom packing assembly. Assembly was brought back to the rig , Tubing head installed, and attempted to pressure test. Top seal assembly failed at 3500#. Top assembly sent to machine shop after trying to locate a 7" top assembly.
11/21/2008	06:00 - 09:00	3.00	DT	53		Continue to wait on Weatherford to re-machine secondary seal & return to location.
	09:00 - 10:30	1.50	D	10		N/U Primary Seal, Tbg Spool & Secondary Seal & P/T to 5000psi for 10mins: OK
	10:30 - 01:00	14.50	D	10		N/U 7-1/16" 10K BOP Stack.
	01:00 - 01:15	0.25	D	18		PJSM with crew members and Weatherford on pressure testing.
	01:15 - 03:30	2.25	D	15		Tighten flange on BOPE. Rig up tester. Change out 2" bull plug. Pick up joint with test plug.
	03:30 - 04:15	0.75	D	09		Pressure test.
	04:15 - 06:00	1.75	DT	67		Weatherford tester connected below test plug. Bent joint of drill pipe. Change out joint of DP. Wait on seal rings from Weatherford for test plug.
11/22/2008	06:00 - 08:00	2.00	DT	54		Test Tool seal Failed; Wait on New seal from Weatherford.
	08:00 - 12:00	4.00	D	09		Pressure Test BOP's: Test UPR, LPR, Annular, HCR, Choke & Kill Lines & Valves, Upper & Lower Kelly Valves, Stabbing & Inside BOP Valves to LOW: 300psi for 5mins/ea & HIGH: 10,000psi for 10 mins/ea. Test Kelly Hose, Standpipe, Mud Line & manifold Valves back to Pump: LOW: 300psi & HIGH: 4000psi.
	12:00 - 12:15	0.25	D	09		Safety Mtg: Press Testing.
	12:15 - 18:30	6.25	D	09		Continue Press Test as above. Test Casing to 2500psi for 30mins.
	18:30 - 19:15	0.75	D	09		Perform accumulator function test: Start pressure 3050 psi; Perform 5 function test: Close Annular: 15 seconds; 2325 psi; Close top pipe rams: 3 seconds; 2195 psi. Close bottom pipe rams: 3 seconds; 2065 psi. Open top pipe rams: 3 seconds; 1935 psi. Close HCR: 2 seconds; 1900 psi - Final Pressure. Recharge time 1 minute 0 seconds. Pre charge pressure: 1150 psi. Total time to recharge total system from 0 pounds: 4 minutes 45 seconds. Pre charge pressure 3050 psi.
	19:15 - 00:00	4.75	D	09		Pressure test choke manifold; Low 300 psi for 5 minutes ea. and High: 10,000 psi for 10 minutes ea. Hook up flow line. Stabilize and center BOP stack. Valve in manifold did not test. Change "O" rings in valves. Drain stack and blow through choke manifold.
	00:00 - 00:15	0.25	D	04		PJSM on picking up drill pipe.
	00:15 - 05:00	4.75	D	04		Pick up 25 stands (75 joints) of drill pipe.
	05:00 - 06:00	1.00	D	04		TOH with drill pipe. Stand back in derrick. Pick up BHA.
11/23/2008	06:00 - 12:00	6.00	D	04		P/U & M/U Ultrerra PDC Bit, straighten Mud Motor offset to Zero & M/U

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EL PASO PRODUCTION

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/23/2008	06:00 - 12:00	6.00	D	04		MWD Tool; P/U remainder of BHA as per Program & RIH to 934'.
	12:00 - 12:15	0.25	D	18		Safety Mtg: BOP Drill
	12:15 - 12:30	0.25	D	06		Rig Service; Function UPR: 4secs.
	12:30 - 00:00	11.50	D	04		Strap & P/U 4" Drill Pipe & RIH to 8409'. Fill pipe @ 3108', 5632', and 7686'
	00:00 - 00:15	0.25	D	18		Safety meeting: Weekend awareness and hand injuries.
	00:15 - 05:00	4.75	D	04		Strap & P/U 4" Drill Pipe & RIH to . Fill pipe @ 9894'.
	05:00 - 05:15	0.25	D	06		Rig Service. Function UPR 5/5 OC.
11/24/2008	05:15 - 06:00	0.75	D	07		Wash down from 9900'.
	06:00 - 09:00	3.00	D	13		Wash & Ream from 9952'-10135' (cmt stringers & sheath). Drill out Cmt, Float Collar, Shoe Jnt & Float Shoe from 10135'-10192', Drill Cmt from 10192'-10204'.
	09:00 - 12:00	3.00	D	03		Drill 6-1/8" Hole f/ 10204' - 10283'.
	12:00 - 12:15	0.25	D	18		Held BOP Drill: Well secure & crew in position: 92secs. Safety Mtg on BOP Drills / Tension Limiter
	12:15 - 15:30	3.25	D	03		Drill 6-1/8" Hole f/ 10283' - 10397'.
	15:30 - 15:45	0.25	D	06		Rig service; Function Annular: 23secs c/o. Grease Crown Blocks.
	15:45 - 17:30	1.75	D	03		Drill 6-1/8" Hole f/ 10397' - 10491'.
	17:30 - 18:00	0.50	D	03		Work pipe for connection/Survey/Time Accum.
	18:00 - 21:30	3.50	D	03		Drill 6 1/8" hole f/ 10491' - 10623'.
	21:30 - 21:45	0.25	D	03		Work pipe for connection/Survey/Time Accum.
	21:45 - 00:00	2.25	DT	55		Took a kick @ 10623'. Pick up and shut well in. SICP 2400# SIDPP 550#.
	00:00 - 00:15	0.25	D	06		Circulated out kick and raise mud wt. to 12.9# / Gallon.
	00:15 - 04:00	3.75	DT	55		SAfety Meeting: Working @ heights above 6'. Circulate and condition mud. Raise mud wt. up to 12.9#. Monitor gains and losses. Well dead.
11/25/2008	04:00 - 04:15	0.25	D	06		Rig Service.
	04:15 - 06:00	1.75	DT	55		Circulate and condition mud. Monitor gains and losses.
	06:00 - 08:45	2.75	DT	55		Circ & Cond Mud; Bckgrnd Gas @ 1600 units. Cont to even mud wt. @ 12.9ppg throughout system, lower bckgrnd gas to below 100units.
	08:45 - 09:15	0.50	DT	55		Flow Check @ 10617'; Blow down lines to Manifold & all Lines & Valves in Manifold & Degasser.
	09:15 - 11:45	2.50	D	03		Drill 6-1/8" Hole f/ 10623' - 10720'.
	11:45 - 12:00	0.25	D	05		Accumulated Survey & Connection Time.
	12:00 - 12:15	0.25	D	18		Safety Mtg: Mixing Chemicals & Proper PPE
	12:15 - 13:15	1.00	D	03		Drill 6-1/8" Hole f/ 10720' - 10775'.
	13:15 - 13:30	0.25	D	06		Rig Service; Function LPR: 4secs c/o.
	13:30 - 17:00	3.50	D	03		Drill 6-1/8" Hole f/ 10775' - 10945'
	17:00 - 18:00	1.00	DT	64		Work Pipe, attempt to Survey, Tool not responding.
	18:00 - 18:15	0.25	D	03		Drill 6-1/8" Hole f/ 10945' - 10952'.
	18:15 - 23:00	4.75	DT	57		Drilled into fracture; Lost total returns. Mix & spot LCM Pill on Bttm; Build Mud Volume & Wt to 13.4ppg. Gas break out @ surface.
	23:00 - 00:00	1.00	DT	55		Shut well in - Monitor Pressures: SIDPP: 0 SICP= 692
	00:00 - 00:15	0.25	DT	55		Safety Mtg: Well Control & Mixing Mud
00:15 - 00:30	0.25	DT	55		Cont to monitor well in Choke Manifold.	
00:30 - 00:45	0.25	D	06		Rig service; Function Annular: 14secs.	
00:45 - 02:15	1.50	DT	55		Circ out High Gas Cut Mud from annulus; (45+ ft Flare). Mix & Build Premix & LCM Pill.	
02:15 - 03:00	0.75	DT	57		Shut well in to Cond Mud; 10.4ppg coming well & lightening up system. Mix all surface mud to 13.4ppg; Monitor well on closed choke.	
03:00 - 05:00	2.00	DT	55		Break circ & circ bttms up through degasser, Flare out & no more gas to surface, Losing Mud @ 2bbl/min. Shut down due to loss of surface volume.	
05:00 - 06:00	1.00	DT	57		Shut well in - due to loss of surface mud. Build Volume & Wt system to	



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/25/2008	05:00 - 06:00	1.00	DT	57		13.4ppg. Re-build Premix & build LCM Pill to spot on btm.
11/26/2008	06:00 - 11:15	5.25	DT	57		Rebuild surface volume, while monitoring well After 6 hrs. sidpp & sicp 0 psi
	11:15 - 11:30	0.25	DT	57		Pull 1 std. dp Bit depth @ 10857'
	11:30 - 12:15	0.75	DT	57		Spot 35 bbl. 100 ppb lcm on btm. Regained circ. after pumping 131 bbls. (20 - 30% returns) LCM pill in place 1215 hrs. Had 5 - 10' lazy flare while circulating
	12:15 - 13:15	1.00	DT	57		Pull 8 std's dp up to casg. shoe at 10200' Unable to fill hole with trip tank pump (pumps to slow to keep up with losses)
	13:15 - 13:30	0.25	DT	57		Safety meeting Mixing chemicals
	13:30 - 17:45	4.25	DT	57		With bit at 10200' Shut in and monitor dp & cg. press. Let form. heal
	17:45 - 18:00	0.25	DT	57		Rig Service; Function LPR: 4secs c/o.
	18:00 - 19:15	1.25	DT	57		Cont to monitor well on Choke while Shut-In.
	19:15 - 23:00	3.75	DT	57		Attempt to Top fill with Hole Fill pump; Pump 14.9bbls, No Returns, Top Fill through Kill Line w/ Pump, pump 2.8bbls to returns. Tot Top Fill: 17.7bbls, Drop in Annulus: 819.5'. Circ across top of Hole and monitor losses: 16bph losses.
	23:00 - 00:00	1.00	DT	57		Pump 33bbls 100ppb LCM Pill & Spot in Annulus, Chase with 25ppb CaCO3 Drlg Mud. Pump across Top of Flowline to monitor losses: Well took 42bbls to get returns and then lost 10bbls while spotting LCM Pill.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Communication between personnel.
	00:15 - 06:00	5.75	DT	57		Circ across top of flowline & Monitor Losses @ 30bph. Shut well in to allow for LCM Pill to stabilize formation & monitor for Pressure; Open Well & Fill each 30mins: 1st Fill: 13bbls; 2nd Fill: 12bbls; 3rd Fill: 11bbls, 4th Fill: 10bbls; 5th Fill: 9bbls; 6th Fill: 12bbls; 7th Fill: 16bbls; 8th Fill: 12bbls; 9th Fill: 14bbls. Total Volume Lost while monitoring after spotting LCM Pill: 109 bbls.
11/27/2008	06:00 - 08:15	2.25	DT	57		Cont. monitoring well Top fill every 30 min. Hole taking 14 - 15 bbls. drlg. mud every 30 min. Losses have not slowed down since pill #4 was spotted at 2400 hrs.
	08:15 - 09:15	1.00	DT	57		Pump 35 bbls. 100 ppb lcm (345 stks.) displaced out of drill string w/ 108 bbls. (1061 stks.) of 13.4 ppb drlg. mud Lost 88 bbls. drlg. mud while pumping and displacing lcm pill Regained 20 - 30% circ. after pumping 43 bbls. (424 stks.) Pill #5 in place @0915 hrs.
	09:15 - 12:00	2.75	DT	57		Monitor well Top filling every 30 min. Well still taking 14 - 15 bbls. every 30 min.
	12:00 - 12:15	0.25	DT	57		Safety meeting Steam lines
	12:15 - 14:00	1.75	DT	57		Cont. monitoring well After 4.5 hrs. losses staying at 14 - 15 bbls. every 30 min.
	14:00 - 22:00	8.00	DT	57		POH w/ drlg. assembly. Break down TBR's & Bit; Pull MWD Tool & Rack Dir BHA in Derrick.
	22:00 - 00:00	2.00	DT	57		HOLE FILL: Calc: 70.8bbls Act: 432bbls Diff: 361.2 bbls
	00:00 - 00:15	0.25	DT	57		Make Up Re-run Security EBXS30SR Insert Bit & RIH.
	00:15 - 06:00	5.75	DT	57		Safety Mtg: Pulling & Setting Slips
11/28/2008	06:00 - 11:00	5.00	DT	57		Cont to RIH w/ Rerun 6-1/8" Insert Bit.
	11:00 - 12:00	1.00	DT	57		Cont. trip in hole w/ RR#10 to 10414' Slight bridging Hole taking 50 bbl./ hr. while tripping in hole
	12:00 - 12:15	0.25	DT	57		Wash & ream slight bridges from 10414' - 10952' Had 6' fill on btm.
	12:15 - 12:30	0.25	DT	57		Lost 130 bbl. mud while cleaning to btm. Had 5236 units gas on btms.
	12:30 - 23:00	10.50	D	03		up Safety meeting: Pulling DP slips Rig Service: Function LPR: 4secs c/o Drill 6-1/8" Hole f/ 10952' - 10981'.

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2008	12:30 - 23:00	10.50	D	03		Mix & Pump 100ppg CaCO ₃ w/ 20ppb Fibre Seal, Magma Fibre, Cottonseed Hulls while drilling. Losses slowed to 10-12bph while drilling. Mix & Spot another 100ppb CaCO ₃ (4 sizes: 2000, 1000, 250 & 40) w/ 20ppb Fibre Seal, Magma Fibre & Cottonseed Hulls (5ppb of each size) @ 10981' prior to tripping.
	23:00 - 00:00	1.00	DT	57		POOH from 10981 to 10470'; Flow Check @ 10953', 10470'.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Tripping Hazards.
	00:15 - 04:15	4.00	DT	57		Cont. to POOH. from 10470' - 5629'; Flow Check @ 8861' & 5629'.
	04:15 - 04:30	0.25	DT	57		Rig Service; Function UPR: 5secs c/o.
	04:30 - 06:00	1.50	DT	57		Cont. to POOH f/ 5629'
11/29/2008	06:00 - 07:45	1.75	DT	57		Cont. POH w/ RR #10 Flow ck'd as required Hole fill : Act. 75.2 bbls. Cal. 70.8 bbls. Diff. + 4.4 bbls.
	07:45 - 08:45	1.00	DT	57		Function blind rams c / o 4 sec's Prepare floor to pick up 2 7/8" tubing
	08:45 - 12:00	3.25	DT	57		Pick up 26 jts. 2 7/8" fibre glass tubing (length w/ 2 - xo subs 764.57') Run tubing in hole on 4" dp to 1048'
	12:00 - 12:15	0.25	DT	57		Safety meeting Picking up tubing
	12:15 - 12:30	0.25	DT	57		Rig Ser.
	12:30 - 16:15	3.75	DT	57		Cont. running in hole to casg. shoe @10200' Install rotating head element
	16:15 - 16:30	0.25	DT	57		Brk. circ. Ck. to ensure cmt'g string is clear
	16:30 - 17:15	0.75	DT	57		Cont. RIH to 10595'
	17:15 - 19:15	2.00	DT	57		Circ. btms. up Work cmt'g string f/ 10595' - 10690' Had 9237 units gas on btms. up
	19:15 - 20:15	1.00	DT	57		Cont. washing down f/ 10690' - 10945'.
	20:15 - 21:45	1.50	DT	57		R/ U Schlumberger Cmtg; Hold Pree-Job Safety Mtg & Cement. Pump 5.0bbls H2O Spacer, Mix & Pump 245sxs, 50bbls Class "G" + D013 + D065 @ 15.8ppg. Yield: 1.16 ft3/sx. Displace w/ 2.0bbls H2O Spacer & 88bbls Drig Mud. Total Volume Pumped: 57bbls; Total Volume Returned: 40bbls; Total Volume Lost to Hole: 17bbls.
						NOTE: Setting Time: 5.5 Hrs ; Compressive Strength: 12 Hrs: 800psi, 24 Hrs: 2400pis
						36 Hrs: 3800
	21:45 - 00:00	2.25	DT	57		Pull 21 Stds Drill Pipe from 10941' - 8969'.
	00:00 - 01:00	1.00	DT	57		Break Circ & Circ Btms Up @ 8969'; No Cmt contamination at Surface.
	01:00 - 06:00	5.00	DT	57		POOH w/ Cmtg String; Flow Checks @ 8953', 5617'.
11/30/2008	06:00 - 07:30	1.50	DT	57		Cont. POH w/ cmt'g string to 764' Flow ck. Well static
	07:30 - 09:45	2.25	DT	57		Lay down 26 jts. 2 7/8" fibre glass tubing
	09:45 - 10:00	0.25	DT	57		Flow Ck. OOH Function blind rams c / o 4 sec's
	10:00 - 12:00	2.00	DT	57		Make up PDC RR #11, directional tools & RIH to 1027' Shallow test MWD Ok
	12:00 - 12:15	0.25	DT	57		Safety meeting Tripping
	12:15 - 12:30	0.25	DT	57		Rig Ser. Function upr c / o 4 sec's
	12:30 - 16:30	4.00	DT	57		Cont. RIH to 8100'
	16:30 - 16:45	0.25	DT	57		Install rotating head element
	16:45 - 22:00	5.25	DT	57		Wash thru slight cmt. stringers f/ 8100' - 9100'; RIH to 9470'; Wash & Ream through Cmt Stringers from 9470';-10019'.
	22:00 - 23:15	1.25	DT	57		Drill Cmt from 10019'-10109'; Had Soft Cmt from 10019'-10045', then hard Cmt from 10045'-10109'.
	23:15 - 00:00	0.75	DT	57		Slip & Cut Drlg Line.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Slip & Cut Drlg Line.
	00:15 - 01:15	1.00	DT	57		Slip & Cut Drlg. Line.
	01:15 - 01:30	0.25	DT	57		Rig Service; Function UPR: 5secs c/o.
	01:30 - 04:45	3.25	DT	57		Drill Cmt from 10109' - 10204'.



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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 7/30/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 12/11/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/30/2008	04:45 - 05:15	0.50	DT	57		Transfer Mud due to Wt & Switch Pumps.
	05:15 - 06:00	0.75	DT	57		Drill hard Cmt f/ 10204' - 10255'
12/1/2008	06:00 - 08:00	2.00	DT	57		Cont. drilling out cmt. plug f/ 10255' - 10300' Hard cmt.
	08:00 - 11:30	3.50	DT	56		Work tight hole f/ 10300' up to 10232' Ream and reream this section for 2.5 hrs. Hole gradually getting better Casg. shoe at 10192' Make connection & attempt to continue drlg. cmt. Not making any head way No diff. press. on motor
	11:30 - 12:00	0.50	DT	57		Circ. btms. up
	12:00 - 12:15	0.25	DT	57		Safety meeting : Weekend awareness: Previous Incidents & Safety Attitude.
	12:15 - 15:15	3.00	DT	57		Flow Check @ 10041'; Static. Pump trip pill ; Pull RBOP; POH w/ failed motor to 5171' & Flow Check.
	15:15 - 15:30	0.25	DT	57		Rig Service; Function Annular: 23secs c/o.
	15:30 - 18:00	2.50	DT	57		Cont. to POOH; Flow Check @ BHA; Pull & L/D Drlg Jars.
	18:00 - 20:00	2.00	DT	57		Cont. to Pull BHA; Check Motor: Failed; Break & L/D Motor, P/U New Motor & Set to straight.
						Function Blind Rams: 5secs c/o.
						HOLE FILL: Calc: 67.5bbbls Act: 82.0bbbls Diff: 14.5bbbls
	20:00 - 21:00	1.00	DT	57		Wait on Bit from Pioneer 59 Rig.
	21:00 - 00:00	3.00	DT	57		M/U New Ulterra MT 1355CDS Bit & RIH to 2650'; P/U new Drlg Jars.
	00:00 - 00:15	0.25	DT	57		Safety Mtg: Spinning Chain Use
	00:15 - 05:15	5.00	DT	57		Cont to RIH f/ 2650' - 10143'.
	05:15 - 06:00	0.75	DT	57		Install RBOP; Break Circ & Wash f/ 10143' - 10235'; Ream Stringers f/ 10235' - 10290'.
12/2/2008	06:00 - 06:15	0.25	DT	57		Cont. washing & reaming f/ 10290' - 10300'
	06:15 - 07:45	1.50	DT	57		Drill firm cmt. f/ 10300' - 10395'
	07:45 - 08:00	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	08:00 - 11:30	3.50	DT	57		Drill firm cmt. f/ 10395' - 10773'
	11:30 - 12:00	0.50	DT	57		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Operating skate
	12:15 - 14:15	2.00	DT	57		Drill firm cmt. f/ 10773' - 10862' Then there was no cmt. f/ 10862' - 10976' (Had a couple of cmt. stringers at 10872' and 10956') Continued drilling cmt. and cleaning down f/ 10976' - 10981' At 10981' started loosing returns Lost 32 bbls. in 20 min.
	14:15 - 16:15	2.00	DT	57		Stop drilling and switch over to tank 5 & 6 which has 25# / bbl. lcm Cont. circ. at 25 spm adding 3 sizes of cal. carb. along with fibre seal and cotton seed hulls Circ. with 50% returns, by passing shale shakers Regained near full returns after 2 hrs. Lost total of 71 bbls.
	16:15 - 00:00	7.75	D	03		Drill 6.125" hole f/ 10981' - 11119'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Man Rider Operation & Use.
	00:15 - 02:30	2.25	D	03		Drill 6-1/8" Hole f/ 11119' - 11151'.
	02:30 - 02:45	0.25	D	06		Rig Service; Function UPR: 5secs c/o.
	02:45 - 06:00	3.25	D	03		Drill 6-1/8" Hole f/ 11151' - 11190'.
						NOTE: Connection @ 11147' had 9823 units Gas on btms up, Bckd Gas staying @ 600-800units; Slowly raising wt. to 13.8ppg over 2 circs. Hit Drilling Break @ 11155.5' - 11157' and lost 20 bbls of Mud; then losses stopped.
12/3/2008	06:00 - 12:00	6.00	D	03		Drill 6.125" hole f/ 11190' - 11245'
	12:00 - 12:15	0.25	D	18		Safety meeting Confined space
	12:15 - 12:30	0.25	D	06		Rig Ser. Function annular preventor c / o 23 sec's
	12:30 - 00:00	11.50	D	03		Drill f/ 11245' - 11405'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Setting Crwon Saver.
	00:15 - 02:15	2.00	D	03		Drill 6-1/8" Hole f/ 11405' - 11431'.

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EL PASO PRODUCTION
Operations Summary Report

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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008 End: 12/11/2008
 Rig Release: 12/10/2008 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/3/2008	02:15 - 02:30	0.25	D	06		Rig Service; Function LPR: 5secs c/o & Function UPR: 5secs c/o.
	02:30 - 06:00	3.50	D	03		Drill 6-1/8" Hole f/ 11431' - 11477'.
12/4/2008	06:00 - 11:30	5.50	D	03		Drill 6.125" hole f/ 11477' - 11550'
	11:30 - 12:00	0.50	D	08		Acc. connection time
	12:00 - 12:15	0.25	D	18		Safety meeting Rolling casg.
	12:15 - 12:30	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	12:30 - 00:00	11.50	D	03		Drill 6-1/8" Hole f/ 11550' - 11667'.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Driving Home.
	00:15 - 05:15	5.00	D	03		Drill 6-1/8" Hole f/ 11667' - 11715'.
	05:15 - 05:30	0.25	D	06		Rig Service; Function UPR: 5secs c/o.
	05:30 - 06:00	0.50	D	03		Drill 6-1/8" Hole f/ 11715' - 11716'.
12/5/2008	06:00 - 09:00	3.00	D	03		Drill 6.125" hole f/ 11716' - 11736' TD
	09:00 - 10:00	1.00	D	08		Circ. btms. up
	10:00 - 12:00	2.00	D	04		POH up to casg. shoe at 10192'
	12:00 - 12:15	0.25	D	18		Safety meeting Tripping
	12:15 - 15:00	2.75	D	04		RIH to 11556' Wash 180' to btm. Had 2' fill Hole cond. good on wiper trip
	15:00 - 17:00	2.00	D	08		Circ. cond. mud and hole Had 2329 units gas on btms. up
	17:00 - 23:45	6.75	D	04		POOH to Log; Flow Check @ 11718', 11301', 6761'
	23:45 - 00:00	0.25	D	06		Rig Service; Function Annular: 23secs c/o.
	00:00 - 00:15	0.25	D	04		Safety Mtg: Tripping
	00:15 - 04:30	4.25	D	04		Cont to POOH to 3117'; Flow Check @ Top of BHA: 944' OOH. L/D HWDP, 9-DC's & Dir BHA; Rack 9-DC's in Derrick. HOLE FILL: Calc: 75.6bbbls Act: 86bbbls Diff: 10.4bbbls STRAP: Tally: 11812.23' Strap: 11823.89 Diff: 11.66'
	04:30 - 04:45	0.25	D	06		Rig Service; Function UPR: 4secs, LPR: 4secs, Blind Rams: 4secs c/o.
	04:45 - 05:30	0.75	DT	68		Wait on Schlumberger Logging Unit.
	05:30 - 06:00	0.50	D	11		R/U Schlumberger Loggers: Run #1: BHC-BEX-HRLA-CAL-GR
12/6/2008	06:00 - 12:00	6.00	D	11		Run BHC-BEX-HRLA-CAL-GR w/ Schlumberger On btm. 1315 hrs. Loggers Td @ 11715' Appears to be 21' of fill Schlumberger picked up 7" casg. shoe at @ 10186' 6' shallower than run tally !
	12:00 - 12:15	0.25	D	11		Safety meeting Running casg.
	12:15 - 15:00	2.75	D	11		Cont. running BHC-BEX-HRLA-CAL-GR Logging Engineer reporting open hole quite sticky Rig out loggers
	15:00 - 15:30	0.50	D	06		Rig Service.
	15:30 - 16:00	0.50	D	12		Rig Up Frank's Westrate Power Tongs.
	16:00 - 16:45	0.75	DT	60		Reapair Hydraulic Pipe Skate on rig
	16:45 - 20:00	3.25	D	12		Safety Mtg & Run 42 Jnts; 13.5#, P-110, LT&C, New 4-1/2" Liner. Total length: 1821.75' Liner Hangar: 22.30'.
	20:00 - 20:30	0.50	D	12		Rig Out Frank's Power Tong Unit.
	20:30 - 00:00	3.50	D	12		Run 4-1/2" Liner on DP. Circ Liner capacity & Fill every 10 stds.
	00:00 - 00:15	0.25	D	18		Safety Mtg: Running Liner
	00:15 - 04:15	4.00	D	12		Cont. to run Liner on DP; Fill every 10 stds.
	04:15 - 04:30	0.25	D	06		Rig service; Function UPR: 5secs c/o
	04:30 - 06:00	1.50	D	12		Cont. to RIH w/ Liner on DP; Fill DP every 10 stds.
12/7/2008	06:00 - 06:45	0.75	D	12		Cont. running 4 1/2" liner to casg. shoe at @ 10192'
	06:45 - 07:30	0.75	D	08		Install rotating head element Circ. btms. up Had 3160 units gas on btms. up
	07:30 - 09:30	2.00	D	12		Cont. running 4 1/2" liner f/ 10192' - 11200'
	09:30 - 16:30	7.00	D	08		Wash f/ 11200' - 11736' Had 50% losses while washing to btm. starting at 11200' Started going down hole with various sizes of cal. carb., fiber seal & cotton seed hulls Soon as lcm started comming up annulus,

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EL PASO PRODUCTION Operations Summary Report

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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008
 End: 12/11/2008
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/7/2008	09:30 - 16:30	7.00	D	08		losses started decreasing By 11420' losses were near 0 Cont. circulating cond. mud and hole Lost 406 bbls. drlg. mud while cleaning to btm. No losses for last 3 hrs.	
	16:30 - 17:00	0.50	D	14		Rig in Schlumberger and Howco cmt'g head Hold safety meeting	
	17:00 - 20:30	3.50	D	14		Cement w/ Schlumberger: Pump 20 bbl Mud Push II PreFlushg @ 13.9ppg. Mix & Pump 180sxs, Class "G", 50:50 GasBLOK + 90lb D035 + 31lb D046 + 895lb D066 + 470lb D154 + 46lb D198 + 23lb D202 + 121lb D400 14.1ppg Cement Slurry. Displaced w/ 20bbls 2% KCL + 20bbls 2% KCL & 50lbs D013 Retarder + 88.1 bbls 13.8ppg Drlg Mud. Bumped Plug @ 2534psi, 700pis over Final circ press @ 1803psi. Released Press, Floats Held: OK. Rupture Disk @ 5200psi, Set Hangar, pressure broke @ 6100psi. Pull off Liner: OK.	
	20:30 - 21:00	0.50	D	09		Perform Positive Pressure Test on Liner Lap: Initial Press: 1510psi Final Press: 1479psi in 20mins.	
	21:00 - 21:45	0.75	D	14		N/D Schlumberger & Halliburton Cmt Head & Equipment.	
	21:45 - 23:45	2.00	D	08		Displace Hole to 2% KCL Fluid. Dumped 71bbls highly cement contaminated drlg. mud.	
	23:45 - 00:00	0.25	D	09		Perform Negative Pressure Test on Liner lap: Initial Press: 0, Final Press: 0 in 17mins.	
	00:00 - 00:15	0.25	D	18		Safety Mtg: Lay Down Drill Pipe.	
	00:15 - 00:30	0.25	D	06		Rig Service.	
	00:30 - 05:45	5.25	D	04		Blow all Surface Equip; POOH & L/D Drill Pipe.	
	05:45 - 06:00	0.25	D	06		Rig Service; Function LPR & UPR: 4secs c/o.	
	12/8/2008	06:00 - 12:00	6.00	D	04		Cont. laying down 4" dp
		12:00 - 12:15	0.25	D	18		Safety meeting Laying down dp
12:15 - 12:45		0.50	D	04		Cont. laying down dp Lay down liner running tool	
12:45 - 16:15		3.50	D	04		Run in 3 std's Dc's & 17 std's dp from derrick Lay down same	
16:15 - 18:30		2.25	D	15		Remove Grant rotating head; Tear out Flare Lines & Manifold.	
18:30 - 20:30		2.00	D	17		R/U & Run PerfLog 3.5" OD Gauge Ring & Junk Basket.	
20:30 - 21:45		1.25	D	17		Wireline Depth: Top of Liner: 9906' Total Depth: 11654'. R/U & Run Baker Hughes retrievable Bridge Plug; set @ 78'.	
21:45 - 00:00		2.25	D	15		N/D 7-1/16" 10K BOP's complete.	
00:00 - 00:15		0.25	D	18		Safety Mtg: N/D BOP's.	
00:15 - 01:30		1.25	D	15		Finish N/D 7-1/16" BOP Stack & related equip.	
01:30 - 03:15		1.75	D	17		P/U & N/U Completion BOP's.	
03:15 - 03:30		0.25	D	06		Rig Service.	
03:30 - 03:45		0.25	D	18		Safety Mtg: Baker Tool hand on Bridge Plug retrieval.	
03:45 - 05:00	1.25	D	17		M/U Baker Retrieving Tool & retrieve Bridge plug; N/U Temporary suspension Cap on Completion BOP's.		
05:00 - 06:00	1.00	D	01		Dump & Clean Mud Tanks; Pull Mouseholes, Tear down Sub Splash pan & Scaffolding.		
12/9/2008	06:00 - 09:30	3.50	D	01		Pull mouse holes Rig out drill floor	
	09:30 - 10:00	0.50	D	01		Slip drill line	
	10:00 - 12:00	2.00	D	01		Rig out top drive Cleaning out premix tank w/ vaccum truck	
	12:00 - 12:15	0.25	D	01		Safety meeting Rigging out top drive	
	12:15 - 00:00	11.75	D	01		Continue rigging out top drive Cleaning rig mud tanks w/ vaccum truck. Rig out Rig Floor, Swivel & P/U DynaFlex. Tear apart Rotary Chain; Blow EIMaggo & Anti-Freeze; Clean Up Pipe Skate. Finsh cleaning Mud Tanks.	
	00:00 - 00:15	0.25	D	01		Safety Mtg: Overhead Loads.	
00:15 - 06:00	5.75	D	01		Continue to Rig Out Floor; Pull all Pason Cords. Rig out Choke & Flare lines & Manifold Shack. Start pulling Power Cords. Power wash Substructure. Start unstrapping PreFabs.		
12/10/2008	06:00 - 12:00	6.00	D	01		Rig out racking floor Remove V door ramp and stairs Stairs going to	

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EL PASO PRODUCTION
Operations Summary Report

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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: DRILLING
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 7/30/2008 End: 12/11/2008
 Rig Release: 12/10/2008 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2008	06:00 - 12:00	6.00	D	01		mud tank
	12:00 - 12:15	0.25	D	01		Safety meeting Rigging out
	12:15 - 23:00	10.75	D	01		Lay over racking floor Hook up bridle line Unhook and roll up all hydraulic lines Start undoing and removing wall tarps; Rig out Premix Tank; Cont to pull Power cords; Blow down Boiler & Shut-in. Rig out Mud Pumps; Anti-freeze all water & steam lines.
12/11/2008	23:00 - 06:00	7.00	D	01		Break Tour, Shut down for Night; Wait on Daylight
	06:00 - 07:00	1.00	D	01		Shut Down for Night; Wait on daylight.
	07:00 - 18:00	11.00	D	01		Cont Rigging out Precision 426; Finish Blowing all Steam & Water lines & Anti-Freeze; Drain Water Tank; Clean Out Boiler. Rig out all PreFabs. Take down all stairs to Rig; Prep Mud Tanks to Move; Lower derrick @ 16:00 Hrs 12/10/2008 and unstring Blocks.. Lower Degasser & water tank. Crane on Location @ 11:00 hrs to work with Crews. Move all Rig camp to Allen 3-7B4 & Rig Up same. RELEASE RIG @ 18:00 Hrs 12/10/2008.
	18:00 - 06:00	12.00	D	01		Shut Down for Night; Wait on Daylight

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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: COMPLETION
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 11/1/2008
 End: 1/3/2009
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/15/2008	06:00 - 21:30	15.50	C			6:00 AM TO 7:00 AM TRAVEL TO LOC. TGSM (RIGGING UP EQ.,) RIH W/ BONDLOG TO 10,500' & EQ., FAILED IN LINER. POOH CHANGE EQ., RIH & TAGGED HIGH @ 11,464. POOH RIH W/ JUNK BASKET & GAUGE RING. WORK THROUGH TO 11,625 C/NOT WORK THROUGH POOH, RIH & RUN BONDLOG W/ 1500# PSI. TEST CSG & BOPS TO 8500# PSI FOR 30 MIN. SWIFD CSDFD CT R/U W/L RIH W/ 2 GUN RUNS C/NOT GET DEEP ENOUGH FOR BTM 3 SHOTS. PERFORATE 1ST RUN UNDER 1000# PSI (11565 TO 11,382) AFTER PERFORATING PSI @ 800#. RIH W/ 2ND GUN & PERFORATE 11,376 TO 11,089. WHEN PERFERD 11114 TO 11115 PRESSURE @ SURFACE WAS 3500# PSI. POOH W/ GUN #2 TO 550' LINE STUCK IN PACKOFF. R/U FLOWBACKLINES & BEG. FLOWBACK WELL @ 6:30 PM PSI @ 4500#.
12/16/2008	06:00 - 06:00	24.00	C			TTL FLUID FLOWED BACK 280 BBLs WTR, 250 OIL. CSG FLOWING PSI 900#. R/U HEATWAVE & PUMP 390 BBLs 10 # BRINE SIP @ 2000 PSI. WATCHED FOR 15 MIN. WAS NOT LOSSING PSI R/U & FLOWBACK. DROPPED TO 300 # PSI. WAS NOT DROPPING BELOW 300# PSI. SWI PRESSURED UP TO 1000# PSI. HEAT & TRANSFER OIL TURN OVER TO FLOWBACK CRW. @ 10:00 PM FLOWBACK TANK CAUGHT ON FIRE. SWI CALLED IN FIRE DEPT. & PUT FIRE OUT.
12/17/2008	06:00 - 06:00	24.00	C			HSM & JSA MONITER WELL PSI @ 1900 PSI. R/U B J TO CSG WAIT ON MAG WTR TO SHOW UP. PUMP 320 BBLs @ AVE RATE OF 4.5 BPM & AVE PSI OF 3900 # PSI. ISIP @ 3860. AFTER 30 MIN PRESSURE DROPPED TO 3060# PSI. PUMP REMAING WTR @ 4.5 BPM (370 BBLs TTL) ISIP @ 3600# PSI. SWI RIG DOWN & DRAIN UP BJ LINES. MONITOR WELL FOR 1.5 HRS PSI DOWN TO 2100# PSI BLEED DOWN TO 2000# PSI FLOWING STRAIT WTR. SWI WATCH FOR 30 MIN PSI DROPPED TO 1900# PSI. LEFT WELL SIFN HSM. SICP 1700 PSI. HEAT WELLHEAD. FLOW WELL TO FLOW BACK TANK FOR 1-1/2 HRS. PRESSURE DROPPED TO 300 PSI. PUMP 100 BBLs 11.2# CALCIUM CHLORIDE WTR DOWN CSG @ 4.5 BPM. FINAL PSI 3288 PSI. FLOW WELL TO FLOW BACK TANK. ND LUBRICATER. CLAMP & CUT WIRE LINE. LD LUBRICATER. TIE WIRELINE TOGETHER. POOH W/ WIRELINE & PERF GUN. RD WIRELINE TRUCK. RU STINGER CSG ISOLATION TOOL (4 HRS). RU BJ FRAC LINES. PRESSURE TEST LINES TO 9500 PSI. PUMP 5000 GAL 15% HCL ACID USING 100 BIO BALLS FOR DIVERSION. FLUSH 10 BBLs PAST BTM PERF. ISIP 4880 PSI. 5 MIN 4810 PSI. 10 MIN 4738 PSI. 15 MIN 4643 PSI. SURGE BALLS OFF PERFS. REMOVE BALL GUNS. PRESSURE TEST LINES. WAIT TTL OF 1 HR FOR BALLS TO DISSOLVE. FRAC STAGE 1 PERFS W/ 10,000 POUNDS 100 MESH SAND IN 1/2 POUND STAGE & 49,616 POUNDS 20/40 SINTERLITE BAUXITE SAND IN 1#, 2#, 3# & 4# STAGES. AVG RATE 72.3 BPM. AVG PSI 5646 PSI. MAX PSI 7017 PSI. ISIP 5120 PSI. 5 MIN 5063 PSI. 10 MIN 4972 PSI. 15 MIN 4903 PSI. RD BJ FRAC LINES. RU WIRELINE EQUIPMENT. START IN HOLE TO SET CBP & PERFORATE STAGE 2 PERFORATIONS. AT 190', WIRELINE HUNG UP IN GREASE TUBES. WORK WIRELINE OUT OF HOLE. CHANGE OUT WIRELINE TRUCKS.
12/18/2008	06:00 - 21:00	15.00	C			CONT THAWING WELLHEAD/LUB. RIH & W/ W/L SET 4-1/2" CBP @ 11075' BWD FROM 3500# PSI TO 2500# PSI. GOOD NEG. TEST. BEG PERFORATING 2 RUNS TTL CASED HL DEPTHS FROM 11054 TO
12/19/2008	07:00 - 07:00	24.00	C			
12/20/2008	07:00 - 21:00	14.00	C			

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Operations Summary Report

Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: COMPLETION
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Start: 11/1/2008
 Rig Release: 12/10/2008
 Rig Number: 426

Spud Date: 8/20/2008
 End: 1/3/2009
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/20/2008	07:00 - 21:00	14.00	C			10849. R/D WIRE LINE R/U BJ. PRESSURE TEST LINES TO 9700# PSI. SIP @ 2998. EST BREAK DOWN @ 4.6 BPM @ 4307 PSI. PUMP 5000 GAL 15% HCL W/ 100 BIOBALLS FOR DIVERSION FLUSH W/ 395 BBLs. AVE RATE 25 BPM @ AVE PSI @ 4500# PSI. ISIP @ 3000, 5/ 2835 10/ 2698 15/ 2646. SURGE BALLS SWI BREAK OUT BALL GUN & RETEST. FRAC W/ 10,000# 100 MESH & 162,447 #S 20/40 SINTERLITE BAUXITE IN 1#,2#,3#,4# STAGES @ AVE RATE 70.8 BPM & AVE PSI 5060 # PSI. FLUSH TO TOP PERF. ISIP 5035, 5/ 4894, 10/ 4737 15/ 4641. SWI DRAIN UP FRAC EQ., TARP WELL HEAD & R/U WELL HEAD HTR. SDFD CT
12/21/2008	06:00 - 04:00	22.00	C			6:00 AM RU WIRELINE INSURE WELL HEAD WAS THAWED. PRESSURE UP ON LUBE W/ METHONAL TO 3500# PSI. EQ., WELL SIP @ 3502# psi. RIH W/ PLUG & GUN # 1. SPO PLUG @ 10545. FIRED PLUG WAS NOT SET. POOH W/ GUN & PLUG. PLUG PORT WAS PLUGGED CAUSING 1ST POSITIVE GUN TO MISSFIRE @ 10,531. REPAIR SETTING TOOL & ADD NEW GUN. RIH & SET PLUG @ 10545. BLEED WELL DOWN TO 2500# PSI. PERFORATE 10503 TO 10010. POOH RIG DOWN PERFORATORS R/U FRAC CRW TO FRAC STAGE 3 AS FOLLOWS. SIP @ 1653# PSI. EST BREAK DOWN @ 8.7 BPM @ 4184# PSI PUMP 5000 GL 15% HCL @ 20 BPM W/ 105 BIO BALLS FOR DIVERSION FLUSH W/ 386 BBLs @ AVE RATE 30 BPM @ AVE PSI OF 4350 PSI. ISDP @ 3966 5/ 3558 10/ 2991 15/ 2695. SWIF 1 HR. SIP @ 2331. FRAC W/ 15,000# 100 MESH & 228,307# 20/40 SINTERLITE BAUXITE IN 1#,2#,3#,4# STAGES @ AVE RATE OF 77.3 BPM @ AVE PSI 4581 W/ FRAC GRADIENT OF 90. ISDP @ 4756 5/ 4530 10/ 4411 15/ 4280. R/D FRAC CRW. R/U WIRELINE CRW. EQ., LUBE W/ METHONAL RIH W/ PLUG & GUN # 1. SET PLUG @ 10,000'. BLEED PSI TO 3000# PSI (FROM 4000#) GOOD TEST PERFORATE 9955 TO 9518. (WHILE P/U GUN # 3 CCL CAUGHT IN BTM OF LUBE CAUSING LINE TO PART & GUN DROPPED IN CELLAR RET GUN OUT OF CELLAR L/D LUBE REHEAD P/U LUBE) SWI W/2300# PSI ADD METHONAL TO TOP OF STINGER VALVE . TARP WELL HEAD. SDFD CT
12/22/2008	07:00 - 17:00	10.00	C			THAW WELL HEAD. RU FRAC LINES. TEST LINES TO 9000 PSI. BREAK DOWN STAGE 4 PERFORATIONS @ 2904 PSI @ 6.5 BPM. TREAT STAGE 4 PERFORATIONS W/ 500 GAL HCL ACID USING 105 BIO BALLS FOR DIVERSION. AVG RATE 19.3 BPM. MAX PSI 3394 PSI. MAX RATE 35 BPM.. FLUSH ACID 10 BBLs PAST BTM PERF. ISIP 2679 PSI. 5 MIN 2388 PSI. 10 MIN 2095 PSI. 15 MIN 1840 PSI. SURGE BALLS OFF PERFORATIONS. WAIT 1 HR FOR BALLS TO DISSOLVE. FRAC WELL W/ 15000# 100 MESH IN 1/2 PPG STAGE & 188,297# 20/40 SINTERLITE BAUXITE SAND IN 1 PPG, 2 PPG, 3 PPG & 4 PPG STAGES. 4# STAGE WAS DESIGNED FOR 45,000 # SAND. RAN OUT OF SAND AFTER PUMPING 16,000 # SAND. FLUSH TO TOP PERF. ISIP 3590 PSI. 5 MIN 3266 PSI. 10 MIN 3056 PSI. 15 MIN 2920 PSI. RD BJ FRAC EQUIPMENT. RD STINGER ISOLUTION TOOL. SDFN
12/23/2008	06:00 - 21:00	15.00	C			6:00 AM TO 8:00 CT & TGSM. R/U COIL TBG UNIT. RIH DRILL OUT PLUGS @ 10,000', 10,545', & 11,075 C/O TO 11681'. CIRC ON BTM FOR 1 HR. POOH COIL TBG R/D UNIT. TURN OVER TO PRODUCTION
12/30/2008	06:00 - 07:00 07:00 - 10:00	1.00 3.00	C C			CT & TGSM MOLRU

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EL PASO PRODUCTION Operations Summary Report

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Legal Well Name: KOFFORD 2-36B5
 Common Well Name: KOFFORD 2-36B5
 Event Name: COMPLETION
 Contractor Name: PRECISION DRILLING TRUST
 Rig Name: PRECISION

Spud Date: 8/20/2008
 Start: 11/1/2008
 End: 1/3/2009
 Rig Release: 12/10/2008
 Group:
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/30/2008	10:00 - 14:00	4.00	C			R/U WIRELINE CRW RIH W/ 6.0 GAUGE RING TO 9520' POOH W/ GAUGE RING
	14:00 - 16:30	2.50	C			RIH W/ BAKER WIRELINE SET PKR & SET @ 9420' POOH W/ WIRE LINE
	16:30 - 17:30	1.00	C			R/D W/L BEG BLEEDING WELL OFF FROM 2900# PSI TO 1500# PSI TURN OVER TO ELPASO FLOWBACK CRW
12/31/2008	17:30 - 18:30	1.00	C			CT
	06:30 - 07:30	1.00	C			CT & TGSM
	07:30 - 09:30	2.00	C			THAW LINE TO FLOWBACK TANK BWD R/U WORK FLOOR & TBG EQ., PREPAIR & TALLY TBG
	09:30 - 17:30	8.00	C			PUMU&RIH W/ BAKER J-TOOL 297 JTS 2-7/8" 8RD EUE TBG J ON PKR L/D 2 JTS P/U 10',8' SUBS 1 JT R/U PUMP LINES.
1/3/2009	17:30 - 19:30	2.00	C			CIRC 400 BBLs PKR FLUID AROUND J-TOOL & TO SURFACE, TEMP LAND TBG, R/D WORK FLOOR & TBG EQ., N/D BOPS J-ON PKR LAND TBG W/ 12K TENSION. N/U PROD "T", DRIFT TREE & WELL HEAD. TEST CSG TO 1000# PSI GOOD TEST. PUMP OFF PLUG @ 3500# PSI, PUMP 15 BBLs. R/U FLOWLINES. MOVE PIPE RACKS & CATWALK FOR CRUDE HAULER.
	19:30 - 21:00	1.50	C			R/D RIG PREPAIR TO MOVE IN A.M., TURN OVER TO PRODUCTION
	21:00 - 22:00	1.00	C			CT
	07:00 - 08:00	1.00	C	11		CT & TGSM
	08:00 - 10:00	2.00	C	01		THAW WELLHEAD & R/U W/L TRUCK
1/3/2009	10:00 - 12:00	2.00	C	11		RIH W/ SINKER BARS, TAG @ 9668' WORKED C/NOT BREAK THROUGH POOH W/ WIRELINE R/D W/L TURN BACK OVER TO PRODUCTION
	12:00 - 13:00	1.00	C	11		CT

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

DIV. OF OIL, GAS & MINING RECOMMENDED REPORT FORM 8
(highlight changes)

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: Kofford 2-36B5
9. API NUMBER: 4301333988
10. FIELD AND POOL, OR WILDCAT: Altamont
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 2S 5W U.S.B. & M.
12. COUNTY: Duchesne 13. STATE: UTAH
14. DATE SPUNDED: 8/20/2008 15. DATE T.D. REACHED: 12/4/2008 16. DATE COMPLETED: 12/30/2008
17. ELEVATIONS (DF, RKB, RT, GL): 5861' GL
18. TOTAL DEPTH: MD 12,000 TVD 12,000 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY?: no 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Quad Combo: BHC/BEX/HLA/CHL/GR
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)
Table with columns: 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

25. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS 27. PERFORATION RECORD
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: (All logs submitted by service company)
30. WELL STATUS: Producing
ELECTRICAL/MECHANICAL LOGS, SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION, GEOLOGIC REPORT, CORE ANALYSIS, DST REPORT, DIRECTIONAL SURVEY, OTHER Item #28 cont'd on attachment.

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/16/2008		TEST DATE: 12/22/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 219	GAS - MCF: 634	WATER - BBL: 254	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS: 3,300	CSG. PRESS:	API GRAVITY: 46.10	BTU - GAS:	GAS/OIL RATIO: 2,895	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
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:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
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:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
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:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

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)
				Lower Green River Wasatch	7,822 9,524

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Linda Renken TITLE Regulatory Analyst
 SIGNATURE *Linda Renken* DATE 12/22/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Attachment to Well Completion Report

Form 8 Dated December 22, 2011

Well Name: Kofford #2-36B5

Item #28 Continued

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10010 – 10503	Acidize w/4998 gals 15% HCL. Frac w/ 15,000 #'s 100 mesh & 228307 #'s 20/40 SinterLite Bauxite.
9518 - 9955	Acidize w/4998 gals 15% HCL. Frac w/ 15,000 #'s 100 mesh & 188297 #'s 20/40 SinterLite Bauxite.

RECEIVED

DEC 22 2011

DIV. OF OIL, GAS & MINING

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:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: KOFFORD 2-36B5
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013339880000
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897 FSL 0991 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 36 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	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 Approximate date work will start: 3/1/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="ESP Optimization"/>

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

Please see attached procedure for details.

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

Date: February 29, 2012

By: *DeKQ*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 2/29/2012	

Kofford 2-36B5 Procedure Summary

- POOH w/grounded ESP and tubing
- Pump low pressure 5,000-10,000bbl acid clean up job depending on scale severity if necessary
- RIH w/optimal sized ESP, and tubing
- Clean location and resume production

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP		8. WELL NAME and NUMBER: KOFFORD 2-36B5
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002		9. API NUMBER: 43013339880000
PHONE NUMBER: 713 420-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897 FSL 0991 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 36 Township: 02.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/8/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="ESP Optimization"/>

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

Please see attached daily operations report for details.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 26, 2012**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 3/21/2012	

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	KOFFORD 2-36B5		
Project	ALTAMONT FIELD	Site	KOFFORD 2-36B5
Rig Name/No.	KEY ENERGY/5	Event	LOE LAND
Start Date	2/29/2012	End Date	
Spud Date	8/20/2008	UWI	036-002-S 005-W 30
Active Datum	GROUND LEVEL @5,861.0ft (above Mean Sea Level)		
Afe No./Description	LOL /		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/1/2012	9:00 10:30	1.50	PRDHEQ	18		P		ROAD RIG FROM 1-5B3MTO THE 2-36B5
	10:30 11:30	1.00	PRDHEQ	18		P		SPOT IN RU RIG
	11:30 15:30	4.00	PRDHEQ	18		P		RU HO FLUSH TBG W/ 60 BBLS 2% KCL NDWH & FLOW LINES NU BOP & HYDRILL RU WORK FLOOR & TONGS SECURE WELL SDFD
3/2/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (RU SPOOLERS)
	7:30 12:00	4.50	MNTSRF	18		P		SITP 0 CSGPSI 75 PSI BLOW DWN WELL POOH LD HANGER & 1 JNT 2-7/8" EUE N-80 TBG RIG STARTED TO SINK SWI RIG DOWN HAUL IN 2 LOADS OF GRAVEL FIX FIX AROUND CELLAR
	12:00 13:00	1.00	PRDHEQ	18		P		SPOT IN RU RU FLOOR & TONGS
	13:00 17:00	4.00	PRDHEQ	18		P		RU SPOOLERS POOH SPOOLING ESP CABLE & 1/4" CAP STRING W/ 200 JNTS 2-7/8" EUE N-80 TBG FLUSHING W/ HO WHEN NEEDED SECURE WELL SDFN
3/3/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (LD ESP PUMPS)
	7:30 10:30	3.00	PRDHEQ	18		P		SITP 75 PSI CSG PSI 75 BLOW DWN WELL PUMP 50 BBLS DOWN CSG W/ HO CONT SPOOLING & PULLING OUT OF HOLE W/ 90 JNTS 2-7/8" EUE N-80 TBG ESP CABLE & 1/4" CAP STRING PSN 2 JNTS 2-7/8" EUE N-80 TBG 2 JNTS 2-7/8" DRAIN SUB 1 JNT 2-7/8" & 6' X 2-7/8" TBG SUB
	10:30 13:00	2.50	ELINE	18		P		LD 2 PUMPS, SEPERATOR, SEAL, MOTOR, SENSOR, & 2-3/8" CHEM MANDREL RU E LINE RIH TAG FILL @ 11674' (109' OF RAT HOLE)POOH & RD WL
	13:00 16:30	3.50	PRDHEQ	18		P		RIH W/ 1 JNT 2-7/8" TBG PSN 293 JNTS 2-7/8" PROD TBG PU 5 JNTS 2-7/8" EUE WORK STRING SECURE WELL SDFN EOT @ 9490'
3/4/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (PUMPING ACID)
	7:30 8:30	1.00	PRDHEQ	18		P		MOVE IN ACID CREW MIX ACID & RU
	8:30 10:30	2.00	PMPNG	56		P		TEST PUMP LINES TO 5000 PSI PUMP 10 BBLS OF 2% KCL 10,000 GAL 15% ACID FLUSH TBG W/ 60 BBLS 2% KCL SHUT TBG IN PUMP 150 BBLS 2% KCL DWN CSG
	10:30 13:00	2.50	PRDHEQ	18		P		RD ACID CREW LD 5 JNTS WORK STRING POOH STANDING BACK 293 JNTS 2-7/8" PROD TBG PSN 1 JNT 2-7/8"& NOTCH COLLAR SECURE WELL SDFW
3/5/2012							SDFW	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/6/2012								NO ACTIVITY WAIT ON ESP EQUIP
3/7/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (PICKING UP ESP EQUIP)
	7:30 11:00	3.50	PMPNG	24		P		CSG 100 PSI BLOW DWN WELL PUMP 50 BBLS DWN CSG W/ HO TRUCK SPLICE MOTOR LEAD PU SERV ESP EQUIP RU SPOOLERS HOOK UP MOTOR LEAD & 3/8" CHEM LINE RIH SPOOLING W/ CHEM MANDREL CENTINEL SENSOR MOTOR 2 SEALS GAS SEP & 3 PUMPS
	11:00 17:30	6.50	PRDHEQ	18		P		RIH W/ 6' X 2-7/8" TBG SUB 1 JNT 2-7/8" EUE N-80 DRAIN SUB 3 JNTS 2-7/8" EUE N-80 TBG +45 PSN 2 JNTS 2-7/8" TBG COLLAR STOP & 268 JNTS 2-7/8" EUE N-80 TBG SECURE WELL SDFN
3/8/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (NDBOP)
	7:30 12:00	4.50	PRDHEQ	18		P		CSG PSI 100 TBG 75 BLOW DWN WELL PUMP 50 BBLS DWN CSG W/ HO CONT TIH BANDING ESP CABLE CAP STRING TO 21 JNTS 2-7/8" EUE N80 TBG
	12:00 13:30	1.50	PRDHEQ	18		P		MAKE PIG TAIL SPLICE LAND TBG RD TONGS & WORK FLOOR ND HYDRILL & BOP NUWH PLUMB FLOW LINES
	13:30 14:30	1.00	PMPNG	24		P		PUMP 20 BBLS ACROSS FLOW LINE PRESSURE TEST FLOW LINE TO 1000 PSI
	14:30 17:30	3.00	PMPNG	18		P		START WELL PUMPING TOOK 1HR 15 MIN TO PUMP UP ONE HOUR MADE 15 WATER & 1BBL OIL TURN WELL OVER TO PROD
3/9/2012	6:00 7:30	1.50	PRDHEQ	46		P		CT TGSM WRITE & REVIEW JSA (RIGGING DOWN)
	7:30 14:00	6.50	PRDHEQ	18		P		CHECK WELL NOT PUMPING CHECK PSI ON CSG 100 PSI BLOW DWN CSG SHUT DOWN PUMP & LET BACK SPIN REVERSE PUMP STARTED PUMP WOULDNT PUMP SHUT DOWN FOR UNDER LOAD SWITCH DIRECTIONS ON PUMP PUMPED UP IN 1 HR 40 MIN SHUT IN CSG WELL MADE 14 BBLS 1ST HR OF PUMPING RIG DOWN RIG TURN WELL OVER TO PROD

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
--	---

CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: **Second Oper Chg**

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE 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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached

2. NAME OF OPERATOR:
El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL FOOTAGES AT SURFACE: **See Attached**

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: **UTAH**

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

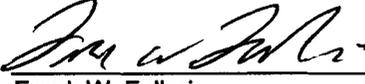
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> 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 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: Change of Name/Operator
	<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.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

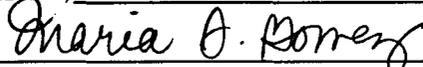
EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE 

DATE 6/22/2012

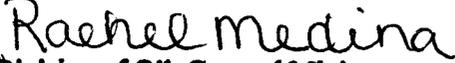
(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012



(See Instructions on Reverse Side)

(5/2009) Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
Rachel Medina

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

El Paso E3 Company, L.P. (N3065) to EP Energy E3 Company, L.P. (N3850) effective 6/1/2012

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P

El Paso E5 Company, L.P. (N3065) to EP Energy E5 Company, L.P. (N3850) effective 6/1/2012

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHiodo 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

El Paso E6 Company, L.P. (N3065) to EP Energy E6 Company, L.P. (N3850) effective 6/1/2012

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA

El Paso E7 Company, L.P. (N3065) to EP Energy E7 Company, L.P. (N3850) effective 6/1/2012

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

El Paso E8 Company, L.P. (N3065) to EP Energy E8 Company, L.P. (N3850) effective 6/1/2012

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

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	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	8. WELL NAME and NUMBER: KOFFORD 2-36B5
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. API NUMBER: 43013339880000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897 FSL 0991 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 36 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

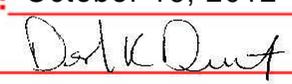
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Set Plug"/>

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

EP plans to set CIBP @ ~9520' with 10' of cement on top, perforate LGR @ ~8370' - 9510', and acidize with 45000 gals of 15% HCL. See attached procedure.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 16, 2012

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 10/10/2012	

Kofford 2-36B5 LGR Recom

Summary Procedure

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- RIH with 7" CIBP, set plug at ~9,520', dump bail 10' cement on top
- Perforate new LGR interval from ~8,370' – 9,510'
- Acidize perforations with 45,000 gals of 15% HCL
- Leave CIBP @ ~9,520'
- RIH w/lift equipment
- Clean location and resume production



GARY R. HERBERT
Governor
SPENCER J. COX
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

July 29, 2014

Thomas Iglehart
EP ENERGY E&P COMPANY, L.P.
1001 Louisiana
Houston, TX 77002

RE: Designation of Workover or Recompletion, Form 15.

Dear Thomas Iglehart,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the KOFFORD 2-36B5 well (43013339880000). Total expenses in the amount of \$ 485160.13 were submitted for the Production Enhancement work that commenced on January 17, 2014 and was completed on January 29, 2014.

Some of the submitted expenses on the referenced form were associated with work that does not fall within the statutory definition of workover or recompletion and/or insufficient information was supplied to enable the Division to evaluate the submitted expense.

Deductions were subtracted from the total submitted expenses for the following work:

Equipment purchases

Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved in part for the amount of \$ 343219.07.

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

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

FORM 15
 AMENDED REPORT

Original Filing Date: 4/21/2014

DESIGNATION OF WORKOVER OR RECOMPLETION

1. Name of Operator EP ENERGY E&P COMPANY, L.P.	2. Utah Account Number 83850.0	5. Well Name and Number KOFFORD 2-36B5
3. Address of Operator State Zip 1001 Louisiana Houston TX 77002	4. Phone Number 713 997-5038	6. API Number 4301333988
9. Location of Well Footage: 1897 FSL 0991 FWL County: DUCHESNE QQ, Sec, Twmp, Rnge: NWSW 36 020S 050W State : UTAH		7. Field Name ALTAMONT
		8. Field Code Number 55

COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.

10. TYPE OF WORK (Check all that apply) <input checked="" type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	11. WORK PERIOD Date work commenced: 1/17/2014 82 Days From Date work completed: 1/29/2014 Completion	
12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:		
<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	0.00	0.00
b. Move-in, rig-up, and rig-down (including trucking)	4779.40	4779.40
c. Rig charges (including fuel)	114086.86	114086.86
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	6086.25	6086.25
f. Equipment purchase	141941.06	0.00
g. Equipment rental	32593.97	32593.97
h. Cementing	0.00	0.00
i. Perforating	0.00	0.00
j. Acidizing	154452.16	154452.16
k. Fracture stimulation	0.00	0.00
l. Logging services	0.00	0.00
m. Supervision and overhead	14220.43	14220.43
n. Other (itemize)	17000.00	17000.00
Swabbing	0.00	0.00
0	0.00	0.00
0	0.00	0.00
o. Total submitted expenses	485160.13	
p. Total approved expenses (State use only)		343219.07

Approved by the
Utah Division of
Oil, Gas and Mining

Date: July 29, 2014

By: 

13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.		
Contractor	Location (City, State)	Services Provided
ACTION HOT OIL SERVICE INC	Vernal Utah	Rig Charges
BAKER HUGHES	Roosevelt Utah	Equipment
C and J CONTRACT PUMPING and WELL SITE	Roosevelt Utah	Supervision
DELSCO NORTHWEST INC	Roosevelt Utah	Well Test
NABORS COMPLETION and PRODUCTION SERVICES	Roosevelt Utah	Rig Charges
PLATINUM PRESSURE PUMPING INC	Vernal Utah	Stimulation Acid/Frac
WEATHERFORD ARTIFICIAL LIFT SYSTEM LLC	Roosevelt Utah	Rig Charges
WEATHERFORD US LP	Vernal Utah	Equipment

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest

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

NAME (PLEASE PRINT) Thomas Iglehart

TITLE Senior Accountant **PHONE** 713 997-2791

DATE April 21, 2014

SIGNATURE Thomas Iglehart

E-MAIL thomas.iglehart@epenergy.com

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

FORM 15
 AMENDED REPORT
 Original Filing Date:

DESIGNATION OF WORKOVER OR RECOMPLETION

1. Name of Operator EP Energy E&P Company, LP	2. Utah Account No.: N3850	5. Well Name & Number.: KOFFORD 2-36B5
3. Address of Operator 1001 Louisiana Houston, TX 77002	4. Phone No. (713) 997-2791	6. API No. 43-013-33988
9. Location of Well: Footage: 1897 FSL 0991 FWL County DUCHESNE		7. Field Name ALTAMONT
QQ, Section, Township, Range SENW 36 2S 5W State UTAH		
8. Field Code No. 055		

COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.

10. TYPE OF WORK (Check all that apply)

<input checked="" type="checkbox"/> Production Enhancement	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Convert to injection	<input type="checkbox"/> Repair Well

11. WORK PERIOD

Date work commenced 01/17/2014
 Date work completed 01/29/2014

12. THE FOLLOWING EXPENSES FOR OPERATIONS ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES

	Expenses	Approved by State
a. Location preparation and cleanup		
b. Move-in, rig-up and rig-down (including trucking)	4779.40	
c. Rig Charges (including fuel)	114086.86	
d. Drill pipe or other working string		
e. Water and chemicals for circulating fluid (including water hauling)	6086.25	
f. Equipment purchase	141941.06	
g. Equipment rental	32593.97	
h. Cementing		
i. Perforating		
j. Acidizing	154452.16	
k. Fracture stimulation		
l. Logging services		
m. Supervision and overhead	14220.43	
n. Other (Itemize) Swabbing	17000.00	

o. Total submitted expenses	485160.13	
p. Total approved expenses (State use only)		

13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000

Contractor	Location (City, State)	Services Provided
ACTION HOT OIL SERVICE INC	ROOSEVELT, UTAH	Rig Charges
BAKER HUGHES	ROOSEVELT, UTAH	Equipment
C & J CONTRACT PUMPING & WELL SITE	ROOSEVELT, UTAH	Supervision
DELSCO NORTHWEST INC	ROOSEVELT, UTAH	Well Test
NABORS COMPLETION & PRODUCTION SERVICES	VERNAL, UTAH	Rig Charges
PLATINUM PRESSURE PUMPING INC	VERNAL, UTAH	Stimulation (Acid/Frac)
WEATHERFORD ARTIFICIAL LIFT SYSTEM LLC	ROOSEVELT, UTAH	Rig Charges
WEATHERFORD US LP	VERNAL, UTAH	Equipment

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT

Name	Address	Utah Account No.	Percent of Interest

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

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

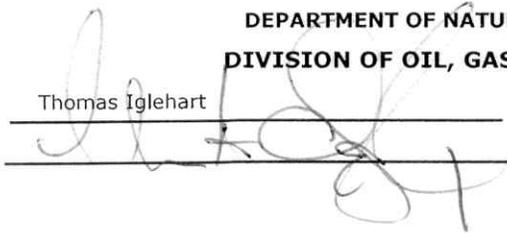
FORM 15
AMENDED REPORT
Original Filing Date:

Name (Please Print)

Thomas Iglehart

Title: Accountant

Signature:



Date: 4/21/2014

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:	
		7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: KOFFORD 2-36B5		
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013339880000		
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1897 FSL 0991 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 36 Township: 02.0S Range: 05.0W Meridian: U	COUNTY: DUCHESNE		
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/29/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Set plug @ 11070' & packer @ 10780'. Acidized with 15000 gals. Set plug @ 10530' & packer @ 10215'. Acidized with 15000 gals. Set plug @ 10005' and packer @ 9715'. Acidize with 7500 gals. All plugs and packers removed.			
NAME (PLEASE PRINT) Maria S. Gomez		PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A		DATE 4/21/2014	