

4/15/76 - First water disposed

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief PMB
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 9-8-65 Location Inspected _____
OW 1 WW _____ TA _____ Bond released _____
GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log 10-17-65
Electric Logs (No.) 10
E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
Lat. _____ Mi-L _____ Sonic _____ Others _____

Casing Corrosion (puffing out) (Bent #1)
Annular seal (aluminum) (Bent #2)
Sonic log or Density log

Indicate depth (vertical)
of Bent #1
of Bent #2
of Bent #3

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
California Oil Company, Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **664' FWL, 617' FWL, Sec. 18, T38, R6W U8M**
 At proposed prod. zone
Tight Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles northeast of Duchesne, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
80 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. **15' E 4' S**

19. PROPOSED DEPTH
± 6600

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
OL 6248 KB 6261

22. APPROX. DATE WORK WILL START*
6-18-65

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4" J-55	40 1/2	± 837	To surface
9"	7" or 5 1/2" J	23 or 15 1/2	TD	Sufficient to cover all producing zones and significant water sands.

Subject well is a replacement for the original well lost when the surface casing parted.

"TIGHT HOLE HOLD CONFIDENTIAL"

CONFIDENTIAL

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

24. SIGNED **N. A. GOURAU** TITLE **Acting Unit Superintendent** DATE **6-23-65**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

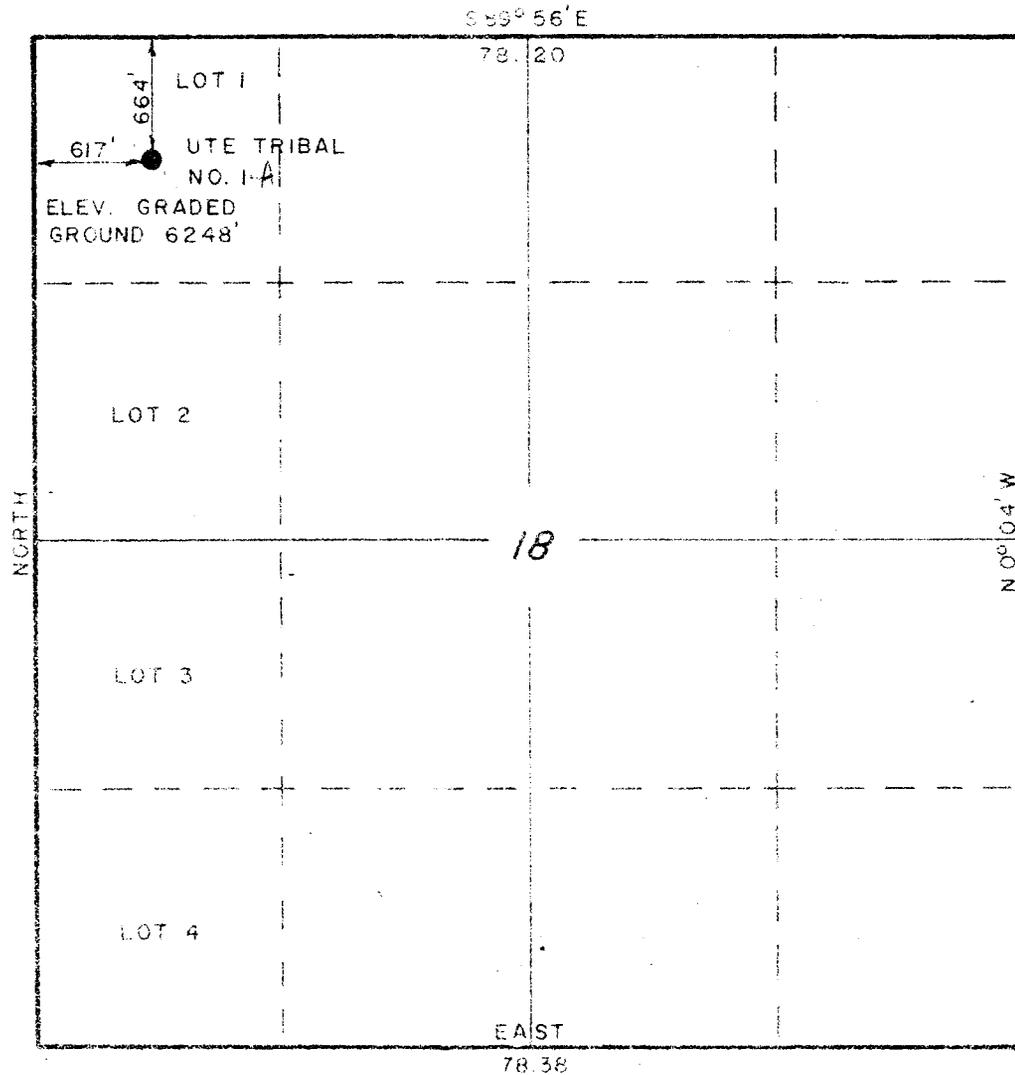
SLC-3; OAGCC, SLC-2; Phillips, Casper-1; Well File-1; Field File-1

T3S, R6W, U.S.M.

PROJECT

CALIFORNIA OIL CO.

WELL LOCATION UTE TRIBAL NO. 1-A
 LOCATED AS SHOWN IN THE NW1/4-NW1/4
 (LOT 1), SECTION 18, T3S, R6W, U.S.M.
 DUCHESNE COUNTY, UTAH



CERTIFICATE

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

Nelson Marshall

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 2454 UTAH

X = CORNERS LOCATED (STONE)

Dintah Engineering & Land Surveying
 BOX 530
 VERNAL, UTAH

SCALE	1"=1000'	DATE	18 JUNE 1965
PARTY	N. MARSHALL	REFERENCE	GLEC OWNERSHIP
	G. HODGKINSON		PLAT & FIELD NOTES
WEATHER	CLEAR - WARM	FILE	CALCUL

June 25, 1965

California Oil Company
P. O. Box 455
Vernal, Utah

Attention: Mr. W. A. Goudeau, Acting Unit Superintendent

Re: Notice of Intention to Drill Well No.
CALOIL UTE TRIBAL #1-A, 664' FNL & 617'
FWL, SW NW NW of Sec. 18, T. 3 S., R. 6 W.,
USM, Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is granted.

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

PAUL W. BURCHELL, Chief Petroleum Engineer
Home: 277-2890 - Salt Lake City, Utah

HARVEY L. COONTS, Petroleum Engineer
Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: Rodney Smith, District Engineer
U. S. Geological Survey, Salt Lake City, Utah

31

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE _____
LEASE NO. 14-92-462-1119

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1965.

Agent's address P. O. Box 455 Company California Oil Co., Western Div.

Vernal, Utah

Signed W. A. GOSMAN

Phone 789-2442

Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 18 (Lot 1)	38	6W	Ute Tribal #1-A							<p><u>Present Conditions</u> Total Depth: <u>1315'</u> Casing: <u>18" conductor pipe cemented at 23' w/50 sacks cement. 10 3/4", 40.5# J-55 cemented at 837' w/700 sacks 50/50 Pozmix/Ideal Type II cement containing 2% gel and 2% NA-5 and 150 sacks regular Ideal Type II cement containing 2% NA-5.</u></p> <p><u>Operations Conducted:</u> Moved in R. L. Manning Co. Rig #29. Spudded in at 2:00 pm June 12, 1965. Drilled 9" surface hole to 350', runned out to 15". Cemented 10 3/4", 40.5#, J-55 casing at 343.6' w/350 sacks regular cement containing 2% gel and 2% NA-5. Drilled 9" hole to 666'. Bottom 2 jts 10 3/4" casing backed off. Set 150 sack plug at 315'. Pushed wooden top plug to 120', set 80 sacks regular cement plug from 120' to surface. Skidded rig 15' east to spud new hole. Rigged up and dug new collar. Cemented 18" conductor pipe at 23' w/50 sacks cement. Spudded in new hole at 6:45 am June 19, 1965. Drilled 9" surface hole to 844'. Runned out to 15" to 837'. Cemented 10 3/4", 40.5#, J-55 casing at 837' w/700 sacks 50/50 Pozmix/Ideal Type II cement containing 2% gel and 2% NA-5 and 150 sacks regular Ideal Type II cement containing 2% NA-5. Drilled mouse hole. McCullough run GBL. Runned 9" hole to 884'. Drilling 9" hole at 1315'.</p>

"TIGHT HOLE - HOLD CONFIDENTIAL"

NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE _____
LEASE NO. 14-23-468-1119

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965,

Agent's address P. O. Box 455 Company Chevron Oil Company, Western Div.

Vernal, Utah

Signed W. A. GOUDEAU

ORIGINAL SIGNED BY
W. A. GOUDEAU

Phone 789-2442

Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 18 (Lot 1)	38	6W	Ute Tribal #1A			1.070				<p>Present Conditions</p> <p>Total Depth:</p> <p>Casing: 18" conductor pipe cemented at 23' w/50 sacks emt. 10 3/4", 40.5%, J-55 cemented at 837' w/700 sacks 50/50 Pozzix/Ideal Type II cement containing 2% gel and 2% NA-5 and 150 sacks regular Ideal Type II cement containing 2% NA-5.</p> <p>Operations Conducted</p> <p>Drilling 9" hole at 3066'.</p>
"TIGHT HOLE - HOLD CONFIDENTIAL"										

NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 8th of the succeeding month, unless otherwise directed by the supervisor.

INDUSTRIAL COMMISSION OF UTAH

RIG SAFETY INSPECTION

Name of Company Chevron Oil Company Date July 29, 1965

Name of Drilling Contractor H. L. Manning

Well Name and Number Wte Tribe 1 Rig No. 20 Field Alcat

Section 18 Township 3 N. Range 6 W.

County Wasatch State Utah Driller Clarence Luther

Number Present: _____ Toolpusher Ray Jensen

Days worked since last lost-time accident: no accidents

Items causing lost-time accidents that have been corrected, or which need to be corrected: None

Accidents or near accidents that have occurred on rig since last inspection: None

Any new employees in crew No Have instructions been given the new crew members Yes

	(Good) Yes	(Poor) No
Escape Line and Slide - - - - -	X	
Ladders, Side Rails, Steps - - - - -	X	
Walk-Around Floor and Railing - - - - -	X	
Engines Guarded - - - - -	X	
Rotary Drive Guard - - - - -	X	
All High Pressure Fittings in High Pressure Lines - - - - -	X	
Fire Hazards Controlled - - - - -	X	
General Housekeeping - - - - -	X	
Hard Hats - - - - -	X	
First Aid Kit - - - - -		X (1)
Blowout Preventor - - - - -	X	
Cellar Clean, No Debris - - - - -	X	

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job: None visible

Drillers, Toolpushers or Drilling Superintendents reactions: Good

Remarks: Tight Hole
(1) Checked Blowout preventor. Checked C. K.

Deputy Inspector: Harvey L. Counts Petroleum Engineer
Utah Oil & Gas Commission

Released
~~CONFIDENTIAL~~

August 2, 1965

MEMO FOR FILING

Re: Chevron Oil Company
Caloil Ute Tribal #1
Sec. 18, T. 3 S., R. 6 W., USM
Duchesne County, Utah

On July 29, 1965, I visited the above location and made a safety inspection. The operator was drilling at 4600'. They had run one DST and recovered some oil.

Because there is a lease sale coming up, this well is being drilled as a tight hole.

HARVEY L. COONTS
PETROLEUM ENGINEER

5

Tight
hole

August 2, 1965

Memo for filing:

Re: Chevron Oil Co
Ute Tribal #1
Sec 18 T 35 R 6W USM
Duchone County Utah

On July 29 I visited the above location and made a safety inspection. The operator was drilling at 4600'. They had run one DST and recovered some oil.

Because there is a lease sale coming up this well is ~~being~~ being drilled as a tight hole.

Harvey L. Coombs
Petroleum Engineer

W
D

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE 14-20-162-1119
LEASE NO. _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1965,

Agent's address P. O. Box 455 Company Chevron Oil Company, Western Div.
Vernal, Utah Signed W. A. GOUDEAU ORIGINAL SIGNED BY
Phone 789-2442 Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 15 (Lot 1)	38	6W	Ute Tribal #1-A							
<p>Present Conditions Total Depth: 6000' Casing: 18" conductor pipe cemented at 23' w/50 sacks cement. 10 3/4", 40.5#, J-55 cemented at 837' w/100 sacks 50/50 Pozmix / Ideal Type II cement containing 2% Gel and 2% NA-5 and 150 sacks regular Ideal Type II cement containing 2% NA-5.</p> <p>Operations Conducted Drilled 9" hole to 6000'. Ran 7" casing. Now completing.</p> <p style="text-align: center;">TIGHT HOLE - HOLD CONFIDENTIAL</p>										

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE 14-80-468-1119
LEASE NO. _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1965,

Agent's address P. O. Box 455 Company Chevron Oil Co. Northern Div
Vernal, Utah Signed W. A. GOUDEAU W. A. GOUDEAU
Phone 789-2442 Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 18	3S	6W	Ute Tribal #1-A							
Present Conditions										
Total depth: <u>6000'</u> FRTD: <u>5163'</u>										
Casing: <u>18" conductor pipe cemented at 23' w/40 sacks cement. 10 3/4", 40.5#, J-55 cemented at 837' w/700 sacks 50/50 Pozmix/Ideal Type II cement containing 2% gel and 2% NA-5 and 150 sacks reg. Ideal Type II cement containing 2% NA-5. 7", 26 & 29#, N-80 cemented at 5205.50' w/300 sacks 50/50 Pozmix containing 1% CFR-2 and 10% salt (100 gel).</u>										
Operations Conducted										
Moved in R. L. Manning Co. Rig #20. Spudded in at 2:00 pm, 6-12-65. Drilled 9" surface hole to 350', reamed out to 15". Cemented 10 3/4", 40.5#, J-55 casing at 343.67' w/350 sacks reg. cement containing 2% gel and 2% NA-5. Drilled 9" hole to 666'. Bottom 2 jts 10 3/4" casing backed off. Set 150 sack plug at 315'. Pushed wooden top plug to 120', set 80 sacks regular cement plug from 120' to surface. Skidded rig 15' east to spud new hole. Rigged up and dug new cellar. Cemented 18" conductor pipe at 23' w/50 sacks cement. Spudded in new hole at 6:45 am, 6-19-65. Drilled 9" surface hole to 884'. Reamed out to 15" to 837'. Cemented 10 3/4", 40.5#, J-55 casing at 837' w/700 sacks 50/50 Pozmix Ideal Type II cement containing 2% gel and 2% NA-5 and 150 sacks regular Ideal Type II cement containing 2% NA-5. Drilled mouse hole. McCullough ran CHL. Ramed 9" hole to 884'. Drilled 9" hole to 4722'. Ran DST #1 (4641-4679, middle Green River) 60 min test. GTS in 20 min. TEST. Rec 425' hvy oil (HFF) and gas cut mud and 90' hvy mud & gas cut oil (HFF). Pressures: IH-2159, IH-1353, IH-203, FF-212, FHI-1066, FHE-2145. Drilled 9" hole to 6000' TB. Schl. ran I-M, HES-Sonic-Gamma Ray (integrated) Caliper, VAL & compensation Pn. Density logs. Ran DST #2 (5295-5315, Green River). 60 min test. MTS. Rec 60' all oil cut, mud cut water and 2740' all gas cut water. Pressures: IH-2477, IH-2189, IH-333, FF-1253, FHI-2189, FHE-2477. Ran DST #3 (5110-5130, Green River) 60 min test. MTS. Rec 190' all gas cut, hvy oil cut mud. Pressures: IH-2405, IH-1857, IH-72, FF-101, FHI-693, FHE-2391. Ran DST #4 (4680-4722, Green River). 60 min test. GTS in 5 minutes. TEST. Rec 150' all oil & gas										
(Continued Page two)										

NOTE.—There were 819.82 runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE
LEASE NO. 14-20-462-1119

Page two

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge
The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1965,
Agent's address P. O. Box 455 Company Chevron Oil Co. Western Div.
Vernal, Utah Signed W. A. COUDEAU
Phone 789-2442 Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										cut mud and 180' oil and gas cut mud. Pressures: IN-2189, ISI-1584, IF-72, FF-130, FSI-1512, FNI-2187. Ran DST #5 (4224-4256, Green River). 60 min test. GTS in 4 min. gauged at 22.9 MCFFD after 5 mins. and 889 MCFFD after 55 mins. Rec 100' all gas and oil cut mud; 90' all gas, oil & water cut mud and 180' all gas, oil & mud cut water. Pressures: IN-2001, ISI-1641, IF-73, FF-174, FSI-1498, FNI-2001. Ran DST #6 (4040-4082, Green River). 60 min test. GTS in 9 mins., gauged at 21.9 MCFFD after 10 mins. and 14.1 MCFFD after 55 mins. Rec 350' all oil and gas cut mud and 350' all oil, gas and water cut mud. Pressures: IN-1961, INI-1493, IF-203, FF-329, FSI-1411, FNI-1901. Ran DST #7 (2405-2435, Green River) 60 min. test. NPTS. Rec 5' of mud. Pressures: IN-1124, INI-58, IF-14, FF-14, FSI-44, FNI-1124. Laid 25 sack reg. cement plug in interval 5290-5350' to sever "X" point. Laid 50 sack reg. cement plug in interval 5290-5350' to exclude Green River water sand. RIM w/bit, tagged top plug at 5320 (70' low). Laid 35 sack reg. cement plug in interval 5290-5320'. Tagged top plug at 5277'. Cemented 7", 29#, N-80 casing at 5206.90' w/300 sacks 50/50 Pennix containing 1% WFR-2 and 10% salt (no gel). Released rig at 6:00 pm, 8-14-65. Moved in J. W. Gibson completion rig on 8-17-65. Tagged fill at 5163'. Schl. ran Gamma Ray Collar-Cement Bond log. Schl. perforated at 4690' w/1-5 way radial jet. Malco broke down perf at 4690'. Malco circulated 200 sacks reg. Type II cement through perfs 4690'. Schl. ran GBL. Schl. perforated at 4715 and 4689' (Green River) w/5-way radial and crack jets in tandem. Bradenhead fraced perfs w/14,500 gal NWC/RC (45%/55%) containing 12,500# 20-40 sand, 2,000# 8-12 glass beads, 300# IHSB and .05#/gal Adomite at an avg rate of 54.8 BPM at 2900 psi. Well flowed back 165 bbls oil in 8 1/2 hrs. Swabbed perfs 4715 and 4689'. Recovered a total of 423 bbls gas cut, water cut frac and HPP oil in 71 runs in 3 days. Schl. perforated at 4662, 4655 and 4647 (Green River) w/5-way super radial and crack jets in tandem. Selectively broke-down perfs. Bradenhead fraced perfs w/24,000 gal NWC/RC (45%/55%) containing 22,500# 20-40 sand, 3,000# 8-12 glass beads, 600# IHSB and 0.05#/gal Adomite at an avg rate of 54.3 BPM at 2900 psi. Well flowed back 196 bbls frac oil in 10 1/2 hrs. (last 25 bbls gas cut). Swabbed perfs 4662, 4655 and 4647'. Recovered a total of 734 bbls gas cut, water cut frac and HPP oil in 97 runs in 5 days. RIM w/production string tubing and landed at 4812.57'. RIM w/pump and rods. Released rig 9-7-65.

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Aug 11, 1965 → asked for sec. to leave office

California Co - Frank Baker USM
(Phillips - Cal.) Wt Dr 11-18 sec 18 T3S R6W
Run Pipe → 6000 T.P. Duchesne County

H marker - 5813 25 ft plug from
↓
15 ft thick 5850 - 5900
across +

water sand DST = 5300 - 50 ft
5330 - 5250
across into sand

pipe to ± 5200 ft.
↳ 7" / 1200 ft filler / 400 ft

well only sand ^{reports} in when finished

Above Completion Program OK — JMB

SA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1119	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe	
2. NAME OF OPERATOR Chevron Oil Company, Western Division		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah		8. FARM OR LEASE NAME Blacktail Ridge	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 664' FWL, 617' FWL, Sec 18, T38, R6W, USM At top prod. interval reported below At total depth		9. WELL NO. Chevron Ute Tribal #1-A	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 6-19-65		16. DATE T.D. REACHED 8-7-65	
17. DATE COMPL. (Ready to prod.) 9-8-65		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 61-6248 KB-6261	
19. ELEV. CASINGHEAD 6245		10. FIELD AND POOL, OR WILDCAT Wildcat	
20. TOTAL DEPTH, MD & TVD 6000		21. PLUG, BACK T.D., MD & TVD 5163	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-6000	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4647-4715 Green River		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN I-ES, BHC Sonic-Gamma Ray w/Caliper, PAL, Compensated FM Density, Gamma Ray-Collar-CBL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10 3/4"	40.5#	837'	15"
7"	26 & 29#		
CEMENTING RECORD		AMOUNT PULLED	
700 sacks 50/50 Pozmix/Ideal Type II			
150 sacks reg. Type II			
300 sacks 50/50 Pozmix			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 1/2"	4812.57		
31. PERFORATION RECORD (Interval, size and number)			
5-way radial & crack jets in tandem at 4715 & 4689 (Green River)			
5-way super radial & crack jets in tandem at 4662, 4655 & 4647 (Green River)			
1-5-way radial jet at 4690 squeezed w/cement			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4715 & 4689 (Green River)		Bradenhead fraced w/14,500 gal HWC/RC (45%/55%) containing 12,500# 20-40 sand, 2000# 8-12 glass beads, 300# LTB & .05 #/gal	
(continued on reverse)		Adomite at an avg. rate of 54.8	
33.* PRODUCTION			
DATE FIRST PRODUCTION 9-16-65	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9-16-65	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD 170
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 22°	OIL—BBL. 170
			GAS—MCF. No Gas Gauge
			WATER—BBL. 124
			GAS-OIL RATIO
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED W. A. GOUDGEAU	TITLE Acting Unit Superintendent		DATE October 5, 1965

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

UBGS, SIC-2; O&GCC, SIC-1; Phillips, Casper-1; Well File-1; Field File-1

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

(Item 32 Continued)
DEPTH INTERVAL (MD)
 4715 & 4689' (Cont)
 4662, 4655, 4647
 (Green River)

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
AMOUNT AND KIND OF MATERIAL USED

BPM at 2900 psi.

Bradshhead fraced w/24,000 gal RWC/RC (45%/55%) containing 22,500# 20-40 sand, 3000# 8-12 glass beads, 600# ITHB & 0.05 #/gal Adomite at an avg. rate of 54.3 BPM at 2900 psi.

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Middle Green River	4641	4679	60 min test. GTS in 20 min. TEST. Rec 425' hvy oil (HHP oil). Pressures: IH-2159, ISI-1353, IF-203, FF-232, FSI-1066, FHM-2145.
Green River	5295	5315	60 min test. NPTS. Rec 60' sli oil cut, mud cut water and 2740' sli gas cut water. Pressures: IH-2477, ISI-2189, IF-333, FF-1253, FSI-2189, FHM-2477.
Green River	5110	5130	60 min test. NPTS. Rec 190' sli gas cut, hvy oil cut mud. Pressures: IH-2405, ISI-1857, IF-72, FF-101, FSI-693, FHM-2391.
Green River	4680	4722	60 min test. GTS in 5 mins. TEST. Rec 150' sli oil & gas cut mud and 180' oil & gas cut mud. Pressures: IH-2189, ISI-1584, IF-72, FF-130, FSI-1512, IH-2189.
Green River	4224	4256	60 min test. GTS in 4 min., gauged at 22.9 MCFPD after 5 mins, and 8.89 MCFPD after 55 mins. Rec 100' sli gas & oil cut mud, 90' sli gas, oil & water cut mud and 180' sli gas, oil & mud cut water. Pressures: IH-2001, ISI-1641, IF-73, FF-174, FSI-1498, FH-2001.
Green River	4040	4082	60 min test. GTS in 9 min., gauged at 21.9 MCFPD after 10 mins, and 14.1 MCFPD after 55 mins. Rec 350' sli oil & gas cut mud & 350' sli oil, gas & water cut mud. Press: IH-1901, ISI-1493, IF-203, FF-319, FSI-1411, FHM-1901
Green River	2405	2435	60 min test. NPTS. Rec 5' of mud. Pressures: IH-1124, ISI-58, IF-14, FF-14, FSI-44, FHM-1124

38.

GEOLOGIC MARKERS

NAME	TOP Sub Sea Datum	
	MEAS. DEPTH	MEAS. DEPTH
TGR	2125	(+4136)
Mid TGR	3836	(+2425)
"D"	4930	(+1331)
"H"	5845	(+ 416)

** & gas cut mud (HHP oil), 90' hvy mud and gas cut oil (HHP oil).

OCT 18 1965

PMW

FORM OGCC-8-X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: UTE TRIBAL NO. 1-A BLACKTAIL RIDGE

Operator CHEVRON OIL Co, WESTERN DIV Address VERNAL, UTAH Phone 789-2442

Contractor R.L. MANNING Co. Address CASPER, WYO. Phone _____

Location NW 1/4 NW 1/4 Sec. 18 T. 3 S R. 6 W Duchesne County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>NONE</u>		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops: TGR - 2125 (+4136)
 Mid. TGR - 3836 (+2425)
 D - 4930 (+1331)
 H - 5845 (+416)

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule G-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

14

Drillers Log: (Continued)

1965 7 100

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.



CHEVRON OIL COMPANY
WESTERN DIVISION

P. O. Box 455

Vernal, Utah

December 17, 1965

The State of Utah
Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

RE: CHEVRON UTE TRIBAL #1-A
DUCHESNE COUNTY, UTAH

Attention: Annette R. Hansen

Gentlemen:

Please find enclosed a copy of the Well Completion or Recompletion Report and Log which was previously mailed to you. Also find enclosed a copy of a letter from Schlumberger showing that a copy of all logs were furnished to you.

We are enclosing a copy of Report of Water Encountered which had not been sent you.

If we can be of further assistance in this matter please advise.

Very truly yours,


R. W. PATTERSON
Unit Superintendent

WAL/cw

Enclosures

17

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 348 EAST SOUTH TEMPLE
 SUITE 301
 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: CHEVRON UTE TRIBAL #1-A BLACKTAIL RIDGE
 Operator CHEVRON OIL CO, WESTERN DIV Address VERNAL, UTAH Phone 789-2442
 Contractor R.L. MANNING Address CASPER, WYO. Phone _____
 Location NW 1/4 NW 1/4 Sec. 18 T. 3 S R. 6 W DUCHESNE County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>NONE</u>		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops: TGR - 2125 (+4136)
 MID TGR - 3836 (+2425)
 D - 4930 (+1331)
Remarks: H - 5845 (+416)

NOTE: (a) Upon diminishing supply of forms, please inform the Commission.
 (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

2/

Drillers Log: (Continued)

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

DEC 20 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE
LEASE NO. **16-20-462-1119**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Blacktail Ridge

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1966.

Agent's address P. O. Box 455 Company Chevron Oil Company, Western Div.
Vernal, Utah Signed R. W. PATTERSON

Phone 789-2442 Agent's title Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling depth, if shut down, cause; also well result of test for gasoline content of gas)
NE NW 12	38	6W	Ute Tribal #1A		0	23	0	None	0	SI ✓
SE NW 12	38	6W	Ute Tribal #2							

Present Conditions
Total Depth: 4599'
Casing: 18" conductor pipe set at 20' w/ 50 sacks Reg. Type I cement containing 3% CaCl₂.
10 3/4", 40.50, J-35 casing cemented at 1482.72' w/ 1075 sacks 50/50 Foamix (no gal) w/ 2% HA-5 followed by 150 sacks Reg. cement w/ 2% HA-5.

Operations Conducted
Ramped hole from 9" to 13" to 1460'. Cemented 10 3/4", 40.50, J-35 casing at 1483' w/ 1075 sacks 50/50 Foamix (no gal) w/ 2% HA-5 followed by 150 sacks Reg. cement w/ 2% HA-5. Schl. ran Temp. Log. Schl. perforated w/ carrier guns containing 4 shots/ft (no plug) at 795'. Displaced 590 sacks Reg. cement w/ 2% HA-5 through 4 holes at 795'. Schl. perforated at 795' w/ 3-way no plug. Cemented 4 holes and 3-way at 795' w/ 350 sacks 50/50 Foamix w/ 2% gal containing 25 #/sack Gilsonite and 2% HA-5 Accelerator. Tailed in w/ 110 sacks Ideal Type II (reg.) w/ 2% HA-5. Cement level dropped, mixed 10 sacks Reg. on top of dropped cement. Cut casing, welded on 10 3/4" Ser. 900 csg. head. Cement squeezed 795' (4 jets/ft and 1-5 way) w/ 200 sacks Reg. Ideal Type II containing 2% HA-5 and Floccule. Equipped rig to air drill. Drilled out cement and old hole to 1511'. Drilled 9" hole to 4178'. Cut Core #1 (4178-4183'). Cut and recovered 5'. Cut Core #2 (4184-4221') Cut 37', recovered 27'. Cut Core #3 (4221-4245'). Cut and recovered 10'. Ramped thru core intervals #1 thru #4. Ran DST #2A - Miscum. Drilled 9" hole to 4541'. Cut Core #5 (4541-4577'). Cut 36', recovered 35'. Running Core #6.

Note.—There were 558.96 runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

FILE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: DECEMBER 1970 Report of: CHEVRON OIL COMPANY, WESTERN DIVISION
(Name of Individual or Company)
Name of Lease or Unit: BLACKTAIL RIDGE Address: P. O. BOX 599, DENVER, COLORADO 80201
Field or Pool: BLACKTAIL RIDGE County: DUCHESNE Phone No: 761-2033

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS								X\$.0015	\$	
CRUDE OIL								X\$.0015	\$	
Other Hydro carbons								X\$.0015	\$	

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$ NONE

*Other Hydrocarbons Produced at Well in Liquid Form

Shut In all year

By R. W. Strain Supervisor
R. W. Strain, Supervisor
Production Accounting
(Title)
JAN 29 1971
(Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....FEBRUARY.....1971..... Report of:..CHEVRON OIL COMPANY - WESTERN DIVISION.....
 (Name of Individual or Company)
 Name of Lease or Unit:.....BLACKTAIL RIDGE..... Address: P. O. BOX 599, DENVER, COLORADO 80201.....
 Field or Pool:.....BLACKTAIL RIDGE..... County: DUCHESNE..... Phone No: 292-1400.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS								X\$.0015	\$ -0-	
CRUDE OIL								X\$.0015	\$ -0-	
Other Hydro carbons								X\$.0015	\$ -0-	

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$

NONE

*Other Hydrocarbons Produced at Well in Liquid Form

By.....B. M. Drain.....
 SUPERVISOR, PRODUCTION ACCOUNTING.....
 (Title)
MARCH 29, 1971.....
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: MARCH 1971 Report of: CHEVRON OIL COMPANY - WESTERN DIVISION
 Name of Lease or Unit: BLACKTAIL RIDGE Address: P. O. BOX 599, DENVER, COLORADO 80201
 Field or Pool: BLACKTAIL RIDGE County: DUCHESNE Phone No: 292-1400

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS								X\$.0015	\$ -0-	
CRUDE OIL								X\$.0015	\$ -0-	
Other Hydro carbons								X\$.0015	\$ -0-	

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$ None

*Other Hydrocarbons Produced at Well in Liquid Form

By: [Signature]
 SUPERVISOR, PRODUCTION ACCOUNTING
 (title)
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

Shut in

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL AND GAS CONSERVATION
 MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:..... APRIL 19 71 Report of: CHEVRON OIL COMPANY - WESTERN DIVISION
 Name of Lease or Unit:..... BLACKTAIL RIDGE Address: P. O. BOX 599, DENVER, COLORADO 80201
 Field or Pool:..... BLACKTAIL RIDGE County: DUCHESNE Phone No: 292-1400

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS								X\$.0015	\$ -0-	
CRUDE OIL								X\$.0015	\$ -0-	
Other Hydro carbons								X\$.0015	\$ -0-	

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$ None

*Other Hydrocarbons Produced at Well in Liquid Form

By..... *[Signature]*
 SUPERVISOR, PRODUCTION ACCOUNTING
 (title)
 (date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....MAY.....19..71..... Report of: CHEVRON OIL COMPANY - WESTERN DIVISION.....
 (Name of Individual or Company)
 Name of Lease or Unit:....BLACKTAIL RIDGE..... Address:....P.O. BOX 599 - DENVER, COLORADO 80201.....
 Field or Pool:.....blacktail ridge..... County:.....Duchesne..... Phone No:..292-1400.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS									X\$.0015	\$ -0-
CRUDE OIL									X\$.0015	\$ -0-
Other Hydro carbons									X\$.0015	\$ -0-

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$ NONE

*Other Hydrocarbons Produced at Well in Liquid Form

By.....*[Signature]*.....
 ..SUPERVISOR, PRODUCTION ACCOUNTING.....
 (Title)
 JUN 24 1971
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blacktail Ridge

9. WELL NO.

Ute Tribal #1 (11-18)

10. FIELD AND POOL, OR WILDCAT

Blacktail Ridge

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

Sec. 18, T3S, R6W, USM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER **Uneconomical Producer**

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

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

664' FNL & 617' FWL of Sec. 18, T3S, R6W, USM

Survey New

14. PERMIT NO.

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

KB - 6261'

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

It is proposed to temporarily abandon subject well by salvaging all surface and subsurface producing equipment, except well head and casing, and setting a CIBP at 4400', above all perforations, for future re-entry to utilize as a possible water disposal well.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 7-2-71

BY Elem B Feight

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

SIGNED R. W. PATTERSON

TITLE Unit Superintendent

DATE 6/29/71

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blacktail Ridge

9. WELL NO.

Ute Tribal #1 (11-18)

10. FIELD AND POOL, OR WILDCAT

Blacktail Ridge

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

Sec. 18, T3S, R6W, USM

14. PERMIT NO.

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

KB - 6261'

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Subject well was temporarily abandoned by salvaging all surface and subsurface equipment, except well head and casing, and by setting a CIBP at 4400' above all perforations.

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

SIGNED

W. B. Jackson

TITLE

Division Manager

DATE

8/3/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; Phillips, Casper-1; Well File-1

DESCRIPTION						STATUS CODE	CUT %	G.O.R.	PROD. DAYS	DAILY PER PRODUCING DAY			MONTHLY			CUMULATIVE		
NAME	WELL NO.	TWP.	RANGE	SEC.	¼ OF ¼					OIL BARRELS	GAS MCF	WATER BARRELS	OIL BARRELS	GAS MCF	WATER BARRELS	OIL BARRELS	GAS MCF	WATER BARRELS
BLACKTAIL RIDGE FLD			DUCHESNE					UTAH										
GREEN RIVER SAND LEASE # 14-20-462-1119 UTE TRIBAL #1	1	35S	6W18NW		NW 1970													
SAND TOTAL													4810	11602	14756			
FIELD TOTAL													4810	11602	14756			
OIL SALES % <										FIELD TOTAL			PRODUCT SALES % <			GAS SALES % <		

STATUS CODES:

- | | | | |
|--|---|--|--|
| <p>Digit 1—Type</p> <ol style="list-style-type: none"> 1. Oil 2. Dry Gas 3. Gas Condensate 4. Gas Injection 5. Water Disposal—Converted 6. Water Disposal—Initially 7. Water Injection 8. Water Supply | <p>Digit 2—Normal Operating Condition</p> <ol style="list-style-type: none"> 1. Flowing 2. Pumping-rod—Electric 3. Pumping-rod—Gas Engine 4. Pumping—Submersible type 5. Pumping—Hydraulic type 6. Pumping—Scheduled 7. Gas Lift 8. Injecting 9. Non Operative | <p>Digit 3—Status 7 am 1st Day Next Month</p> <ol style="list-style-type: none"> 1. Operating (Producing or Injecting) 2. Workover 3. Shut In High GOR—Oil Well 4. Shut In Lack of Demand—Gas Well 5. Off operation temporarily—minor trouble 6. Dead 7. Suspended 8. Recompleted—New Sand 9. Abandoned 0. Plugged and Abandoned | <p>Digit 4—Well Work During Month</p> <ol style="list-style-type: none"> 1. Workover—Same Reservoir 2. Recompletion—Different Reservoir 3. Corrosion Repair 4. Fracturing 5. Sub-surface Maintenance—Equipment 6. Sub-surface Maintenance—Formation 7. Stimulation—Other 8. Miscellaneous 9. Pump Change 0. Normal Operation |
|--|---|--|--|

CHEVRON OIL COMPANY — WESTERN DIVISION

SUMMARY OF WELL PRODUCTION

CW-324 REV. (1-67)

DATE

AUGUST, 1971

MO. 124 YEAR

7a

shut-in

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL AND GAS CONSERVATION
 MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: August 1971 Report of: Chevron Oil Company - Western Division
 (Name of Individual or Company)
 Name of Lease or Unit: Blacktail Ridge Address: P.O. Box 599, Denver, Colorado 80201
 Field or Pool: Blacktail Ridge County: Duchesne Phone No: 292-1400

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGCS
				U.S. Gov't	State	Indian				
GAS									X\$.0015	\$ -0-
CRUDE OIL									X\$.0015	\$ -0-
Other Hydro carbons									X\$.0015	\$ -0-
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....										\$ -0-

*Other Hydrocarbons Produced at Well in Liquid Form

By: [Signature]
 ... Supervisor - Production Accounting
 (Title)
 SEP 24 1971
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
14-20-262-1119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-T3S-R6W

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Koch Exploration Company

3. ADDRESS OF OPERATOR
1 Park Central Suite 530 Denver CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
664' FNL & 617' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles NW Duchesne Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 617'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
n/a

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
4400'

19. PROPOSED DEPTH
4400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, CR, etc.)
6248 GR 6261 KB

22. APPROX. DATE WORK WILL START*
15-30 days after approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5#	837	700 SX
9"	7"	26-29#	5207	300 SX

1. Spot one dump bailer of cmt (approx 1 sack) on BP @ 4400'.
2. Perforate Green River 4290-4310, 4330-40 w/1 Jspf
3. Pump water into well and establish rate
4. If rate is satisfactory MIRUPU
5. Run packer and 2-7/8 tbg, set packer at 4250+ and test casing to 3,000 PSI.
6. Install injection equipment

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

23. SIGNED [Signature] TITLE District Engineer DATE 4/30/75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APR 30 1975

File

UTE TRIBAL NO. 1

664' FNL & 617' FWL

Sec 18, T3S, R6W

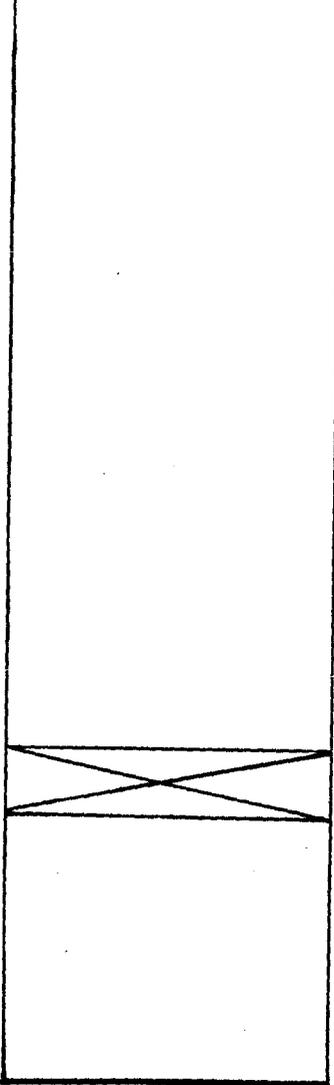
Duchesne Co., UTAH



10 3/4" @ 837' CMT. CIRC.

TOP OF GREEN RIVER 2125

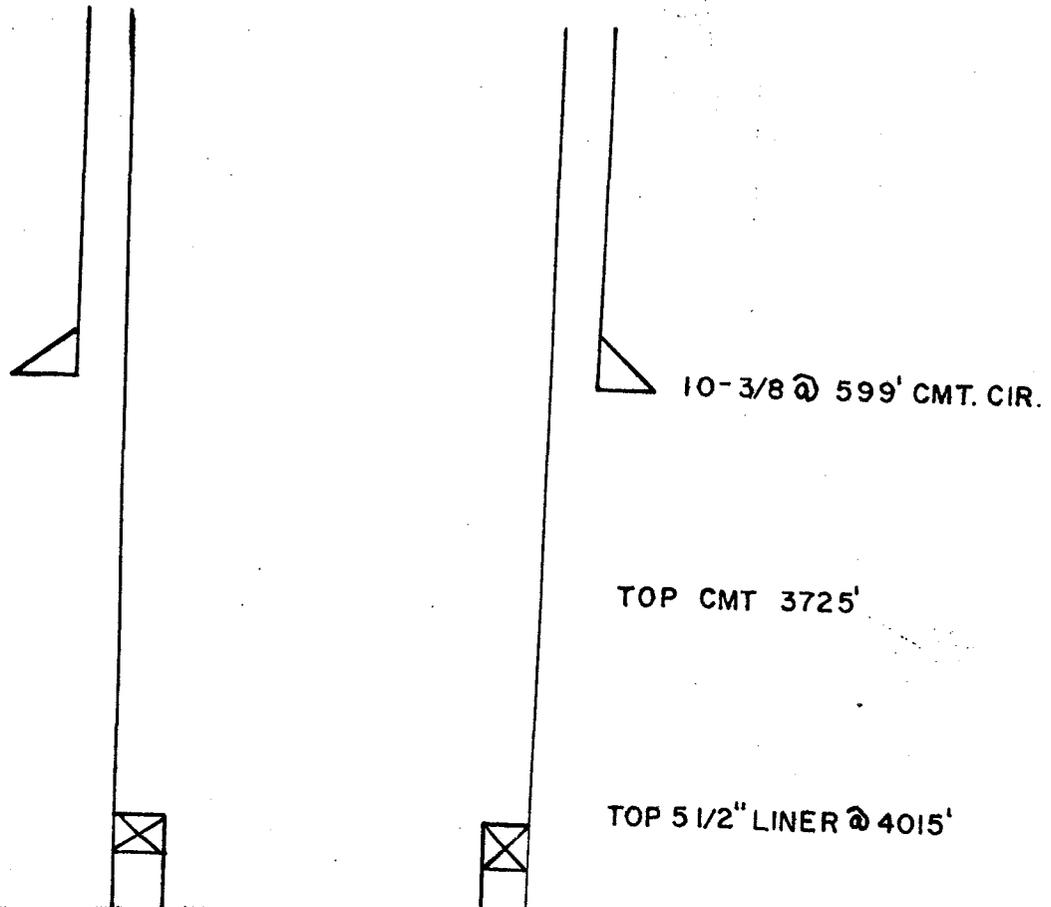
TOP OF CEMENT @ 3420

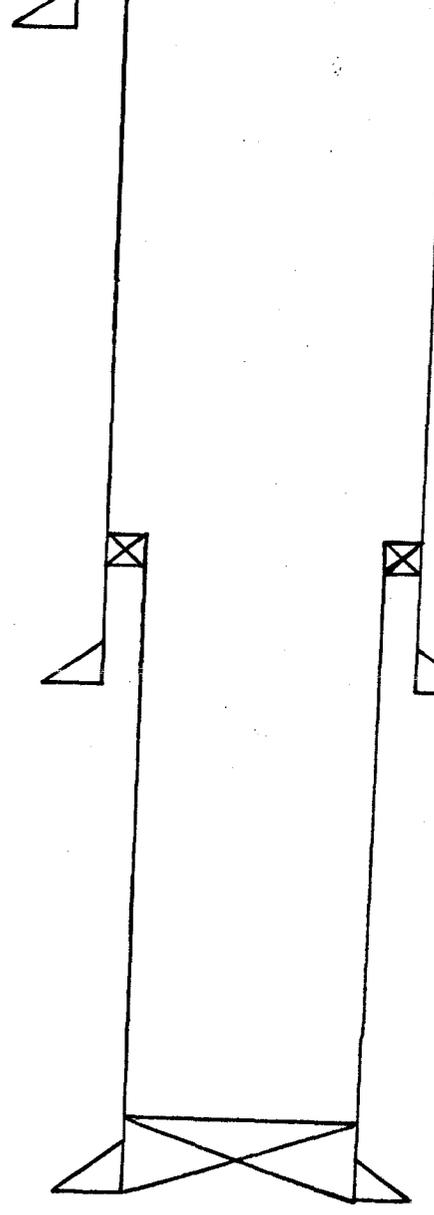


CIBP @ 4400

7" @ 5207

CEDAR RIM NO. 9
2262' FNL & 2500' FEL
Sec 18, T3S, R 6W
Duchesne Co, UTAH





7 5/8 @ 4225

TOP CMT UNKNOWN

TOP 3 1/2 9152' (CMT CIRC.)

5 1/2' @ 9271'

PBD: 10,333

3 1/2" @ 10,698'

SINK DRAW NO. 3

1431' FNL & 1613' FEL

Sec. 13, T3S, R7W

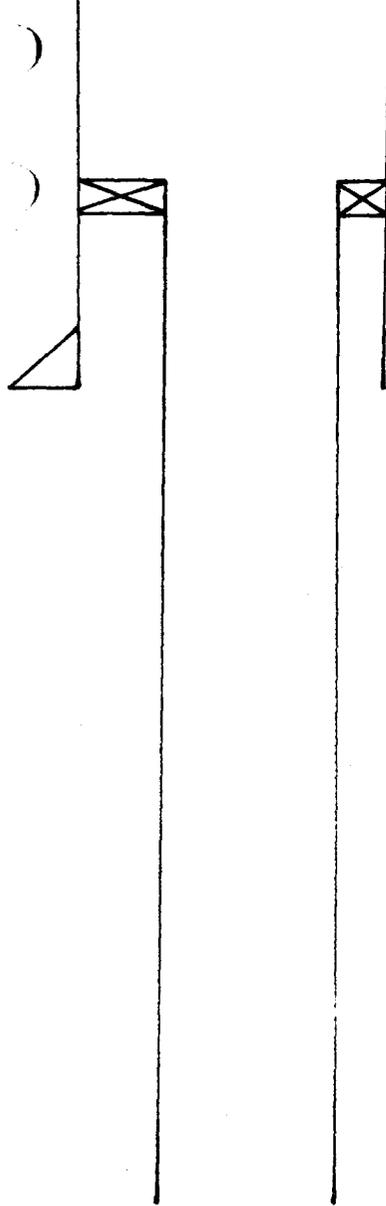
Duchesne Co, UTAH



10-3/4' @ 603' CMT. CIRC

TOP GOOD CMT 3200'

DV TOOL @ 4654
CMT DOWN TO 4710



TOP POOR CMT. 5720'

TOP GOOD CMT 5944

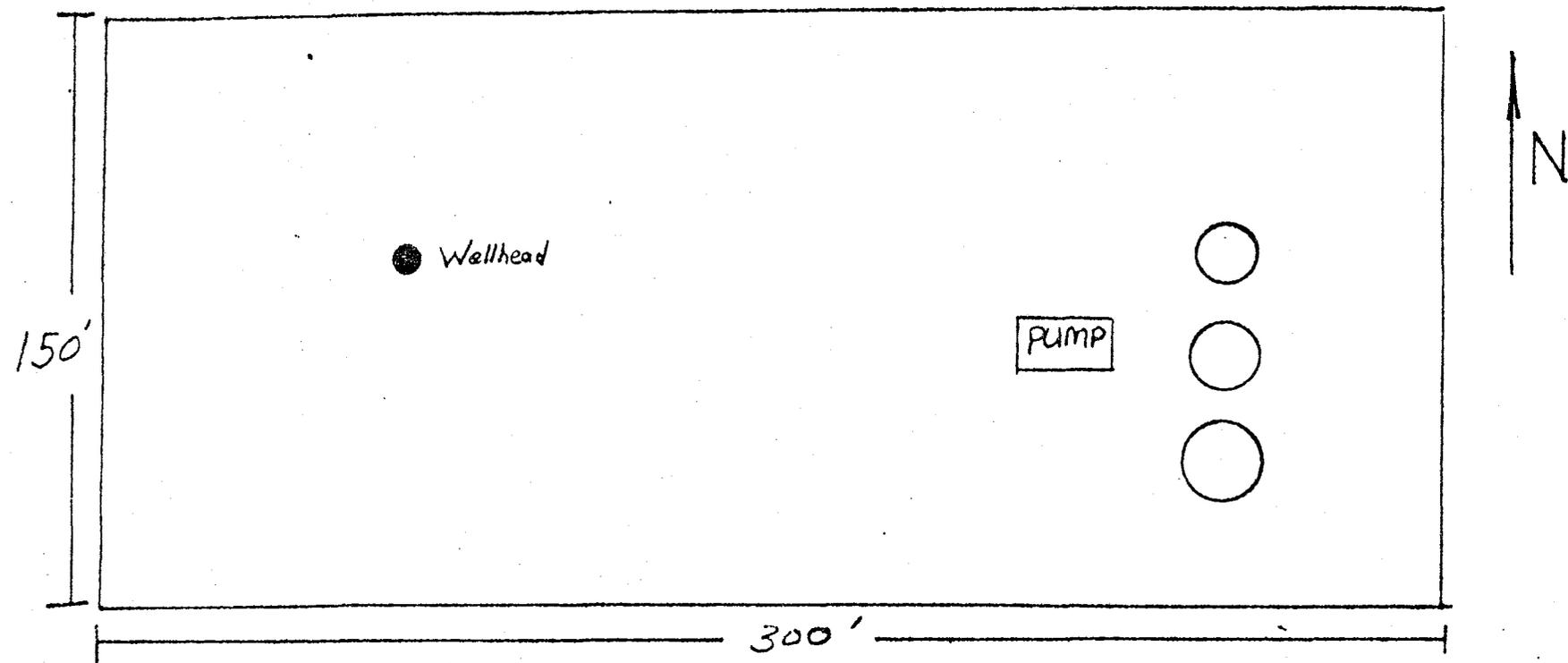
7- 5/8 @ 6270

8-3/4" HOLE TO 8437'

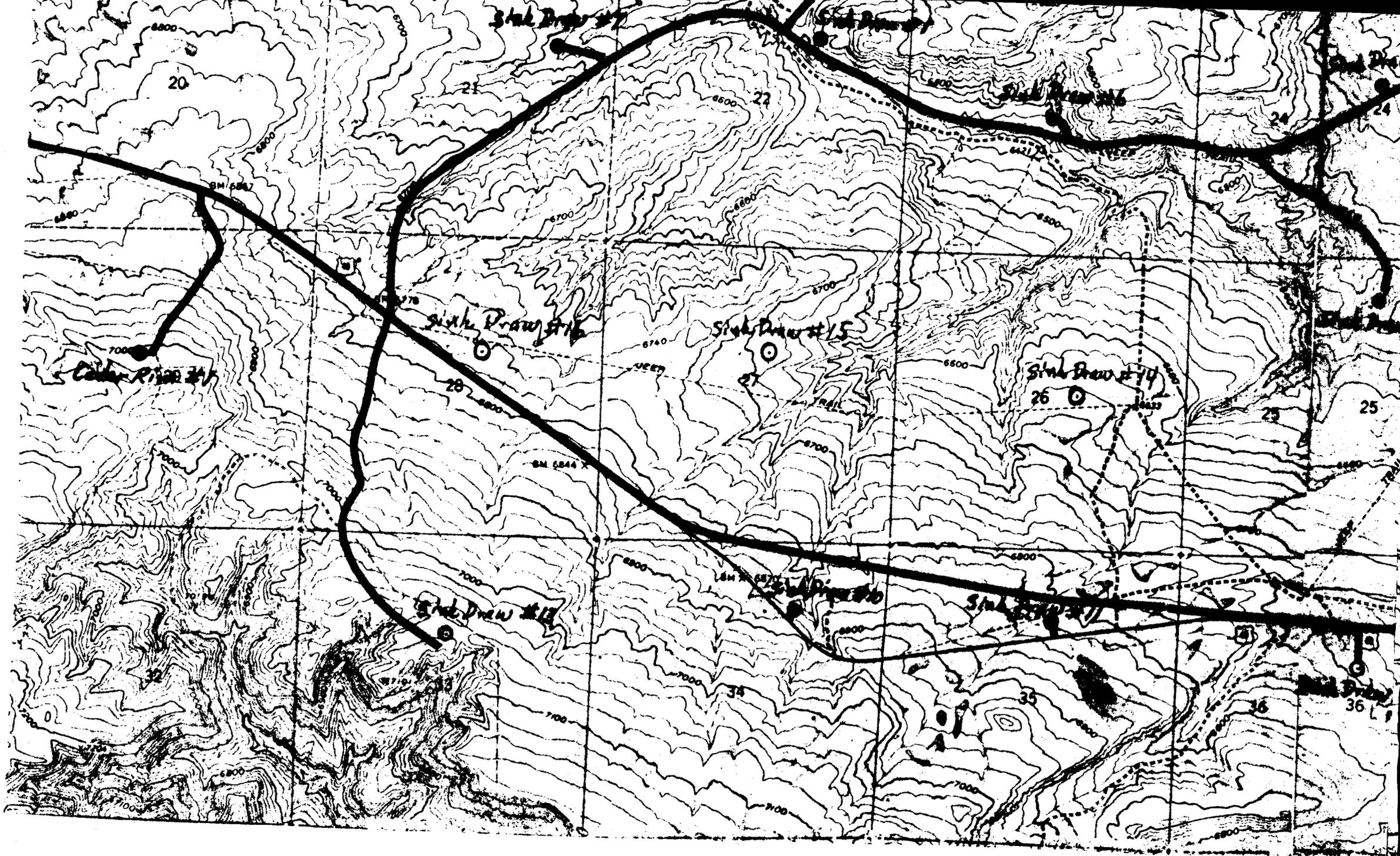
TOP OF CEMENT 9050

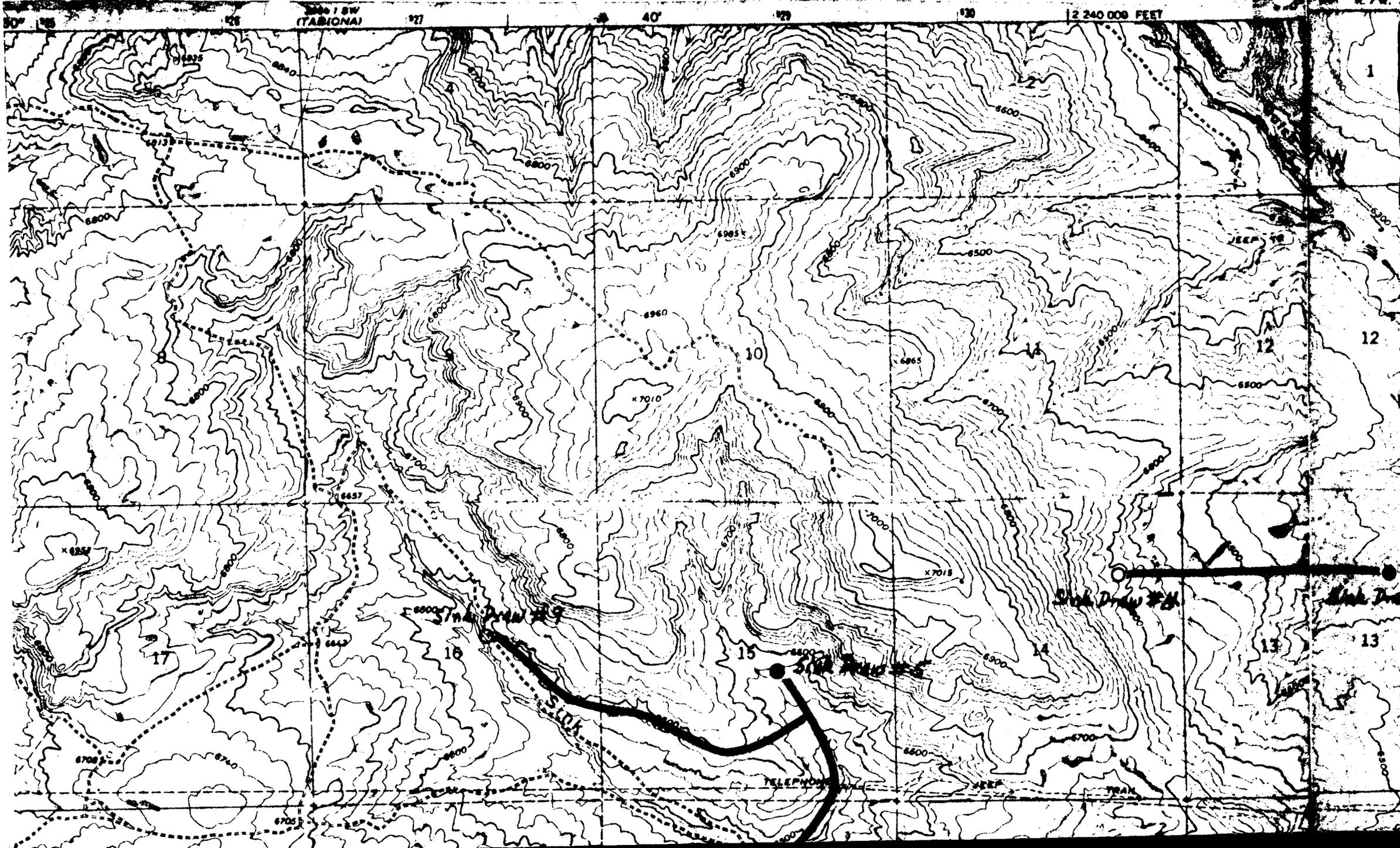
5" LINER 5045-10643

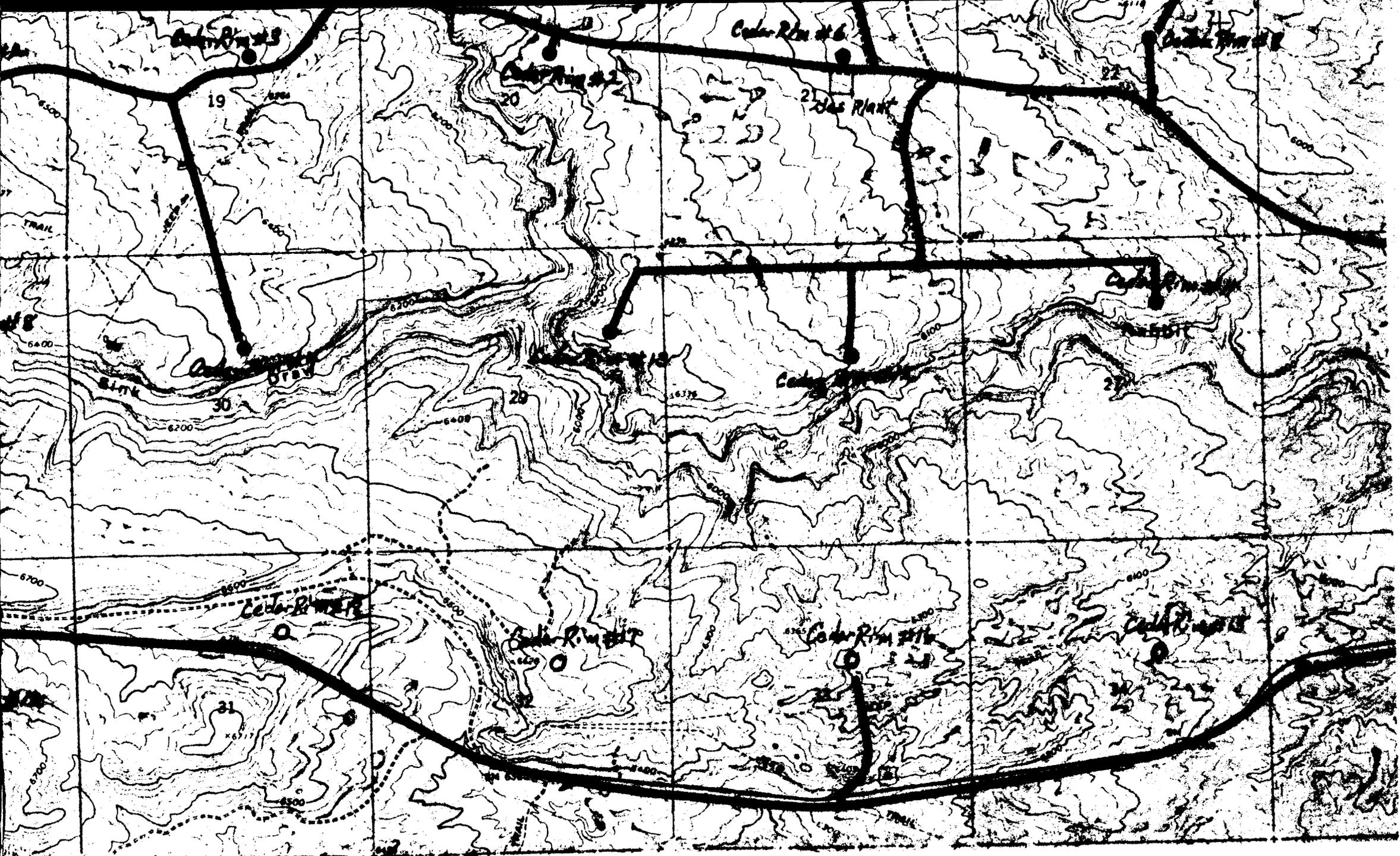
TD 10,800' 6-3/4 HOLE

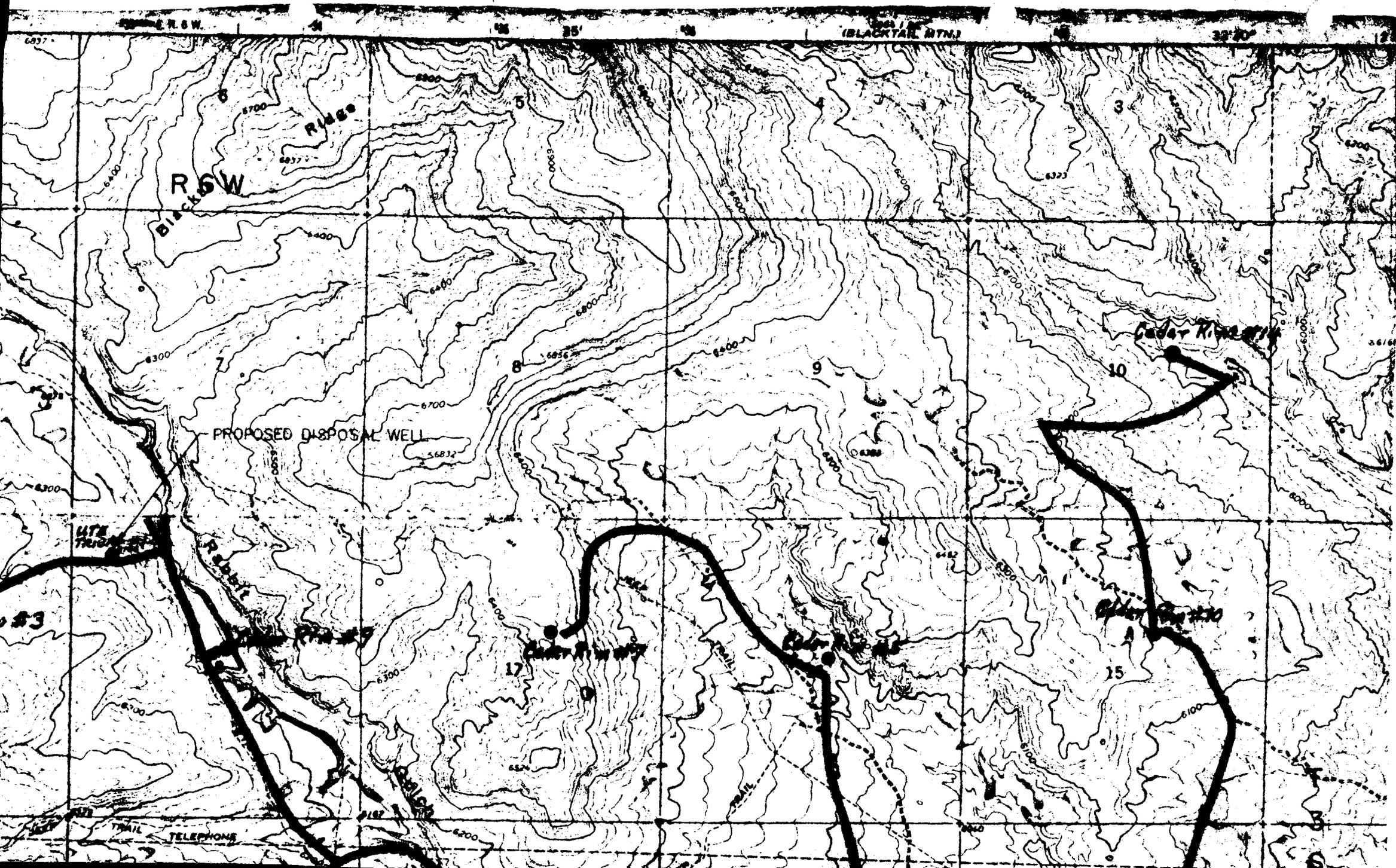


Schematic of Water Disposal Facility
Koch Exploration Co.
Ute Tribal no. 1
664' FNL & 617' FWL
Sec 18, T3S, R6W
Duchesne Co, Utah









BLACKTAIL MOUNTAIN
RINGS
R 6 W

PROPOSED DISPOSAL WELL

BLACKTAIL MOUNTAIN (BLACKTAIL MTN.)

Cedar River 214

Cedar River 230

TRAIL TELEPHONE

6837

63

17

15

10

9

8

7

5

3

May 2, 1975



ONE PARK CENTRAL
SUITE 530
1515 ARAPAHOE STREET
DENVER, COLORADO 80202

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation Comm
1588 West, North Temple
Salt Lake City, Utah 84116

File

PD

Re: Underground Disposal of Water
Cedar Rim-Sink Draw Area
Duchesne County, Utah

Gentlemen:

Koch Exploration Company, a division of Koch Industries, Inc., hereby makes application for underground disposal of water in an abandoned well known as the Ute Tribal #1, located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 18-T3S-R66W, Duchesne County, Utah. The water to be disposed of in this well will be from producing oil and gas wells that have been drilled and future wells to be drilled that are owned by Koch Exploration Company in the Cedar Rim-Sink Draw area, Duchesne County, Utah. Said existing producing wells and the Ute Tribal #1 well are shown on the map attached hereto. The estimated amount of water to be initially injected into the well will be 2,000 barrels daily.

The current lessees of record within 1/2 mile of the above-described Ute Tribal #1 well are as follows:

All Section 7-T3S-R6W

Phillips Petroleum Company, 1300 Security Life Building
1616 Glenarm Place, Denver, CO 80202

Mountain Fuel Supply Company, PO Box 11368, Salt Lake
City, Utah 84111

Diamond Shamrock Corporation, PO Box 631, Amarillo, Tex 79173

S $\frac{1}{2}$ Section 12-T3S-R7W

Unleased

All Section 13-T3S-R7W

Koch Industries, Inc.

All Section 18-T3S-R6W

Koch Industries, Inc.

JUN 9 9 1975

Concurrently with the date of this letter, notice of this application is being mailed, by registered mail, to each of the abovelisted lessees of record.

Attachments include:

1. USGS Form 9-331C
2. Plot of location
3. Wellbore Schematics
4. Schematic Cross-Sections
5. Log cross section
6. Surface Schematic

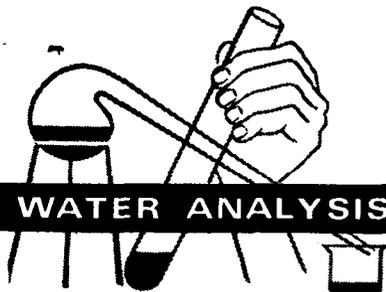
We understand logs of the Ute Tribal #1 have been previously furnished by Chevron when the well was drilled; if not, please advise.

Yours very truly,

Robert D. Romek
District Landman

mwc
Encl

WATER ANALYSIS REPORT



SERVICE LABORATORY: Odessa, Texas Phone (915) 337-2356 & 563-1162
 RESEARCH LABORATORY: Houston, Texas Phone (713) 431-2561
 PLANT: Odessa, Texas Phone (915) 362-2353 & 563-0863

BOX 1671
 ODESSA, TEXAS 79760
CHEMICAL WITH SERVICE

REPORT FOR <u>Mr. Esker Matteson</u>	DATE SAMPLED <u>March 31, 1976</u>
CC <u>Mr. Orvill Schmidt</u>	DATE REPORTED <u>April 13, 1976</u>
CC _____	FIELD, LEASE, OR WELL <u>Sink Draw And Cedar Rim</u>
CC _____	COUNTY <u>Duchesne</u> STATE <u>Utah</u>
COMPANY <u>KOCH EXPLORATION COMPANY</u>	FORMATION _____
ADDRESS <u>One Park Central; Denver, Colorado</u>	DEPTH _____
SERVICE ENGINEER <u>Mr. Cary L. Hays</u>	SUBMITTED BY <u>Mr. Cary L. Hays</u>

CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Chemical Component	Field, Lease, or Well					
	CEDAR RIM #17	CEDAR RIM #18				
Chloride (Cl)	5,200.00	7,000.00				
Iron (Fe)	6.00	7.75				
Total Hardness (Ca CO ₃)	1,400.00	3,200.00				
Calcium (Ca)	480.00	1,280.00				
Magnesium (Mg)	48.00	N O N E				
Bicarbonate (HCO ₃)	390.00	524.60				
Carbonate (CO ₃)	180.00	36.00				
Sulfate (SO ₄)	2,725.00	2,700.00				
Hydrogen Sulfide (H ₂ S)	N O N E	N O N E				
Specific Gravity	1.014	1.018				
Density, lb./gal.	-----	-----				
pH - Beckman 80 Strip []	7.4	9.4				
Dissolved Solids	18,000.00	22,000.00				
Sodium	3,547.52	3,630.09				
8088MMX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX				

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

STABILITY INDEX

Temp (F)	Temp 1	Temp 2	
158 158° F.	+ .80	+3.67	
176° F.	+1.14	+4.01	
194° F.	+1.42	+4.31	

REPORTED BY Cary L. Hays TITLE _____

May 2, 1975



ONE PARK CENTRAL
SUITE 530
1515 ARAPAHOE STREET
DENVER, COLORADO 80202

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation Comm
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Underground Disposal of Water
Cedar Rim-Sink Draw Area
Duchesne County, Utah

Gentlemen:

Koch Exploration Company, a division of Koch Industries, Inc., hereby makes application for underground disposal of water in an abandoned well known as the Ute Tribal #1, located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 18-T3S-R66W, Duchesne County, Utah. The water to be disposed of in this well will be from producing oil and gas wells that have been drilled and future wells to be drilled that are owned by Koch Exploration Company in the Cedar Rim-Sink Draw area, Duchesne County, Utah. Said existing producing wells and the Ute Tribal #1 well are shown on the map attached hereto. The estimated amount of water to be initially injected into the well will be 2,000 barrels daily.

The current lessees of record within 1/2 mile of the above-described Ute Tribal #1 well are as follows:

All Section 7-T3S-R6W

Phillips Petroleum Company, 1300 Security Life Building
1616 Glenarm Place, Denver, CO 80202

Mountain Fuel Supply Company, PO Box 11368, Salt Lake
City, Utah 84111

Diamond Shamrock Corporation, PO Box 631, Amarillo, Tex 79173

S $\frac{1}{2}$ Section 12-T3S-R7W

Unleased

All Section 13-T3S-R7W

Koch Industries, Inc.

All Section 18-T3S-R6W

Koch Industries, Inc.

Concurrently with the date of this letter, notice of this application is being mailed, by registered mail, to each of the abovelisted lessees of record.

Attachments include:

1. USGS Form 9-331C
2. Plot of location
3. Wellbore Schematics
4. Schematic Cross-Sections
5. Log cross section
6. Surface Schematic

We understand logs of the Ute Tribal #1 have been previously furnished by Chevron when the well was drilled; if not, please advise.

Yours very truly,



Robert D. Romek
District Landman

mwc
Encl

May 22, 1975

Koch Exploration Company
1 Park Central
Suite 530
Denver, Colorado 80202

Re: Well No. Ute Tribal #1
Sec. 18, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Please be advised that administrative approval under Rule C-11, General Rules And Regulations, is hereby granted for the re-entry and completion of the above referred to well as a water disposal well.

However, it should be noted that this approval is granted on a short term (10 year) basis at which time the water disposal program will be reviewed.

Said approval, is conditional upon adhering to the provisions of the Order issued in Cause No. 139-9, outlined as follows:

- A) Applicant will take two samples of formation water by production swab tests at selected intervals.
- B) Applicant will notify this office prior to taking such samples in order that a member of our staff may be present to witness such tests, and take independent samples.

- C) Applicant will provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures.

Should you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEICHT
DIRECTOR

CBF:tb

cc: U. S. GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL OWWO DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Koch Exploration Company

3. ADDRESS OF OPERATOR
1 Park Central Suite 530 Denver CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 664' FNL & 617' FWL (NW NW lot 1)
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles NW Duchesne Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 617'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
n/a

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

19. PROPOSED DEPTH
4400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6248 GR 6261 KB

22. APPROX. DATE WORK WILL START*
15-30 days after approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5#	837	700 SX
9"	7"	26-29#	5207	300 SX

- Spot one dump bailer of cmt (approx 1 sack) on 4400'
- Perforate Green River 4290-4310, 4330-40 w/1 JS
- Pump water into well and establish rate
- If rate is satisfactory MIRUPU
- Run packer and 2-7/8 tbg, set packer at 4250+ and test casing to 3,000 PSI.
- Install injection equipment

CIRCULATE TO:

DIRECTOR _____

PETROLEUM ENGINEER _____

MINE OPERATOR _____

ADMINISTRATIVE ASSISTANT _____

ALL _____

RETURN TO Koch FOR FILING

* See your ltr 5/14/75 Response May 4, 1976 & May 10, 1976 (receipt of layout)

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

24. SIGNED J. Noll TITLE District Engineer DATE 4/30/75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY *Accepted for the record - work performed without approval DATE _____
CONDITIONS OF APPROVAL, IF ANY:

State Oil & Gas, Utah E. J. Guymer

DISTRICT ENGINEER
MAY 14 1976

Each permit is available for public inspection during normal business hours at the U.S. Fish and Wildlife Service's office in Suite 600, 1612 K Street NW., Washington, D.C.

Dated: April 27, 1976.

C. R. BAVIN,
Chief, Division of Law Enforcement
U.S. Fish and Wildlife
Service.

[FR Doc.76-12616 Filed 4-29-76;8:45 am]

Geological Survey
EARTHQUAKE STUDIES ADVISORY
PANEL

Notice of Public Meeting

Pursuant to Public Law 92-463, effective January 5, 1973, notice is hereby given that an open meeting of the Earthquake Studies Advisory Panel will be held beginning at 1:00 p.m. (local time) on Wednesday, June 2, 1976, and continuing through Thursday, June 3, 1976. The Advisory Panel will meet in the Crystal Room, White Winrock Motor Hotel, 18 Winrock Center, Albuquerque, New Mexico 87110.

(1) *Purpose.* The Advisory Panel was appointed to advise the Geological Survey on earthquake plans and programs which are conducted in cooperation with universities, industry, and other Federal and State government agencies in a coordinated national program for earthquake research.

(2) *Membership.* The Advisory Panel is chaired by Professor Frank Press and is composed of persons drawn from the fields of geology, geophysics, engineering, rock mechanics, and socio-economics, primarily from the academic community.

(3) *Agenda.* Review of the global seismic instrumentation, data services and budget initiatives.

For more detailed information about the meeting, please call Dr. Robert M. Hamilton, Chief, Office of Earthquake Studies, Reston, Virginia 22092 (703) 860-6472.

V. E. MCKELVEY,
Director, U.S. Geological Survey.

APRIL 26, 1976.

[FR Doc.76-12653 Filed 4-29-76;8:45 am]

[NTL-6]

FEDERAL AND INDIAN OIL AND GAS
LEASES

Approval of Operations

Notice is hereby given that the Geological Survey has formalized its procedures for approval of all applications for permits to conduct operational or construction activities on onshore Federal and Indian (except Osage) oil and gas leases. The Notice also prescribes the information which a lessee or operator must submit in support of applications to conduct operations.

On November 11, 1975, the Geological Survey published in the FEDERAL REGISTER

(Vol. 40, No. 218, pp. 52637-52640), a proposed Notice, NTL-6. Written and oral comments, suggestions, and objections received by the Geological Survey in response thereto have been carefully considered in the preparation of the final Notice. All written comments and notes concerning the oral comments are on file with the Geological Survey. Certain of the comments have been incorporated or essentially satisfied, and the Geological Survey has made other changes on its own motion. The principal changes are discussed below:

Definition. The approval authority of the Geological Survey is better defined. Osage Indian lands and operations conducted under 43 CFR 3045 are specifically excepted from this Notice.

Time Limits on Processing Applications. Provisions were added to guarantee U.S. Geological Survey action prior to lease expiration or within 30 days, whichever occurs first, or otherwise to advise lessees and operators concerning the delay. Also, a warning is added that a late filing will not automatically receive priority handling to the detriment of timely filed applications.

Definition of Lessees' and Operators' Responsibilities. Added provision for diligent development and efficient resource recovery. Reduced environmental constraints from "maximum" to "adequate" and "best available." Reduced lessee and operator responsibility for contractor and sub-contractor compliance from "all applicable laws and regulations" to only those regulations within the jurisdiction of the U.S. Geological Survey.

Oral Approvals. Added provisions that customary oral approvals may be continued. Added provisions to allow conduct of emergency work without prior approval subject to subsequent notification to the District Engineer.

Maps. The requirement for maps was clarified to reduce the number of maps and plats which must be filed. Also the type and scale of maps and plats were clarified to eliminate an apparent misconception that only U.S. Geological Survey topographic maps would be accepted.

Preliminary Environmental Review. Placed a review period of fifteen (15) days from the date of submitting the map filed for preliminary review. If not advised to the contrary by the end of the review period, the operator may assume there are no objections to entry on the land and may proceed with staking.

Privately-Owned Surface. Modified the requirement for filing rehabilitation agreements between the lessee or operator and the private landowner.

Application for Permit to Drill. The technical data requirements were clarified. Provided for availability of a copy of the approved permit and surface use plan at the drillsite without requiring that it be posted.

Multi-point Surface Use and Operations Plan. Added and clarified staking requirements. Added surface use planning to more stringently protect surface resource values and incorporated more stringent rehabilitation requirements.

Approval of Subsequent Operations. Specifically excepted routine work from the requirements of this Notice.

Water Well Conversion. Clarified the equipment left on the well solely because it is to be used as a water well to include both casing and wellhead equipment.

It is hereby certified that the economic impacts of Notice to Lessees and Operators, NTL-6, have been carefully evaluated in accordance with OMB Circular A-107.

V. E. MCKELVEY,
Director.

NOTICE TO LESSEES AND OPERATORS OF FEDERAL AND INDIAN ONSHORE OIL AND GAS LEASES (NTL-6)

Approval of Operations. In accordance with the National Environmental Policy Act of 1969 (83 Stat. 852), the United States Geological Survey must assure that operations on oil and gas leases under its jurisdiction are conducted with due regard for protection of the environment. All operations which are conducted on onshore Federal and Indian oil and gas leases must conform to the requirements of this Notice as well as those contained in the lease and in the Oil and Gas Operating Regulations, Title 30 CFR Part 221. Operations on Osage Indian oil and gas leases and exploration activities under Title 43 CFR 3045 are not included within the purview of this Notice.

As used in this Notice, the term "District Engineer" means that Officer of the United States Geological Survey who is the head of the District Office supervising operations in the geographic area in which the operation is located. In the State of Alaska, the Area Oil and Gas Supervisor will administer the requirements of this Notice. In some special instances, other Area Oil and Gas Supervisors will act on permit applications.

I. GENERAL

In order that the environmental impact of proposed operations may be properly evaluated, all applications to conduct leasehold operations or construction activities must be accompanied by an appropriate surface use plan. As a minimum, such applications and surface use plans must provide a detailed description of the technical aspects of the proposed operation or activity, the magnitude of surface disturbance involved, and the procedures to be followed in rehabilitating the surface once the operation or construction activity has been completed. Specific requirements in this regard are set forth in Sections II.B., III., and V. hereof. One copy of the surface use plan must be attached to each copy of the application to conduct operations or construction activities.

Applications to conduct operations or construction activities with attached surface use plans should be filed at least 30 days in advance of the contemplated starting date of any operation or construction activity in order to allow sufficient time in which to schedule and conduct, if necessary, a joint field inspection by appropriate personnel of the

Geological Survey, the Federal surface management agency, the lessee or operator, and, if practical, the lessee's or operator's contractors and subcontractors will perform the work. Any interested party who wishes may also attend the field inspection.

The early filing of a complete application is no guarantee that approval thereof will be granted within the 30-day period, as environmental considerations or the volume of applications in the affected Federal agencies may result in more than 30-day delay.

All applications will be processed as quickly as possible in all Federal agencies consistent with other work in the offices. In general, the processing of applications will be assigned a high priority and individual applications will be processed according to the date the complete application is filed. A higher priority due to an emergency, such as an imminent lease expiration date, will be duly considered but no special consideration will be given simply because a late filing is made. If it is not possible for Geological Survey action to be taken prior to lease expiration or within 30 days of the filing date, whichever occurs first, the lessee or operator will be advised both orally and in writing. Said advice will detail the reasons for the delay so that the lessee or operator may take such appeal or other recourse is allowed by law and/or regulation.

Lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which (1) results in diligent development and efficient resource recovery; (2) affords adequate safeguards for the environment; (3) results in the proper rehabilitation of disturbed lands; (4) assures the protection of the public health and safety; and, (5) conforms with the best available practice. In that regard, lessees and operators will be held fully accountable for their contractors' and subcontractors' compliance with the requirements of the approved permit and surface use plan.

All approvals of proposed operations as well as subsequent instructions and regulation thereof will be by the District Engineer of the Geological Survey. However, the Federal surface management agency will establish the rehabilitation requirements and will be available for consultation during rehabilitation operations. Names, addresses, and phone numbers of appropriate personnel of the Geological Survey and the Federal surface management agency, as well as approved surface use areas, will be furnished the lessee or operator with its approved copy of the permit and surface use plan.

Lessees and operators, as well as their contractors and subcontractors, must not commence any operation or construction activity on a lease without prior approval of the appropriate official of the Geological Survey. Said approvals may be oral in emergency situations or in instances such as subsurface plugging

programs for newly-drilled dry holes or cures. Any oral approval so received must be followed by a written application and approval thereof for confirmation. Likewise, the terms and conditions of an approved permit and surface use plan may not be altered unless the Geological Survey has approved an amended or supplemental permit and/or plan covering any such modifications. Approval of subsequent operations is addressed in Section V. of this Notice.

II. DRILLING OPERATIONS

A. Preliminary Environmental Review. A preliminary environmental review is required on all future drilling operations prior to entry on the ground for the purpose of staking the location, access roads, and other surface use areas. The lessee or operator, upon finalizing plans to drill but prior to the actual surveying, must file with the Geological Survey's District Engineer and the appropriate office of the involved Federal surface management agency, a topographic map, or such other map as is acceptable to the District Engineer, scale not less than 1 inch=1 mile which shows the preferred location and the general topographic features in the area. This will permit the Federal surface management agency, prior to the lessee's or operator's expenditure of time and money for surveys, to review its records for any potential conflicts with other resource values. If conflicts are noted, a joint conference or field inspection, as appropriate, by the Geological Survey, the Federal surface management agency, the lessee or operator, and other interested parties may be scheduled to resolve problem areas. If the lessee or operator has not been advised to the contrary within 15 days from the date of submitting the preliminary map, it may assume that there are no objections to entry on the land for the purpose of required surveying and staking and may proceed accordingly. It is anticipated that the need for a joint field conference and/or inspection prior to staking will be very unusual.

B. Application for Permit to Drill. Drilling operations must not be conducted without a permit which has the prior approval of the District Engineer. Although multiple wells may be covered in a single surface use plan, the application for permit to drill must be submitted on an individual well basis.

The permit application filed for approval will consist of Form 9-331C (Application for Permit to Drill, Deepen, or Plug Back) and a multi-point surface use and operations plan. Where private surface is involved, it should also include a copy of the written agreement between the lessee or operator and the surface owner, a letter from the lessee or operator setting forth the rehabilitation requirements agreed to with said owner, or a letter stating the reasons why such agreement is not obtainable. The requirements for surface use and operations plans and the rehabilitation of private surface are contained in Sections III. and VI., respectively, of this Notice.

The application for permit to drill must provide information concerning (1) the location, as determined by a registered surveyor, in feet and direction from the nearest section lines of an established public land survey or, in areas where there are no public land surveys, by such other method as is acceptable to the District Engineer; (2) the elevation above sea level of the unprepared ground; (3) the geologic name of the surface formation; (4) the type of drilling tools and associated equipment to be utilized; (5) the proposed drilling depth; (6) the estimated tops of important geologic markers; (7) the estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered; (8) the proposed casing program including the size, grade, and weight of each string and whether it is new or used; (9) the proposed setting depth of each casing string and the amount and type of cement (including additives) to be used; (10) the lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency; (11) the type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained; (12) the testing, logging, and coring programs to be followed with provision made for required flexibility; (13) any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards; (14) the anticipated starting date and duration of the operation; and, (15) any other facets of the proposed operation which the lessee or operator wishes to point out for the Geological Survey's consideration of the application. The District Engineer will require additional information as warranted.

A copy of the approved application for permit to drill and the accompanying surface use and operations plan along with any conditions of approval shall be available to authorized personnel at the drillsite whenever active construction or drilling operations are underway.

III. MULTI-POINT SURFACE USE AND OPERATIONS PLAN

A surface use and operations plan in sufficient detail to permit a complete appraisal of the environmental effects associated with the proposed project must be submitted, in triplicate, to the District Engineer with the application for permit to drill.

The Geological Survey will send a copy of such plan to the Federal surface management agency. When possible, a preliminary field development plan or drilling schedule concerning the lessee's or operator's plans for additional development should also be submitted to allow lead time for evaluating environmental considerations, resource conflicts, and land use planning alternatives.

The surface use and operations plan shall, in its context, provide for adequate protection of surface resources, other environmental components, and include adequate measures for rehabilitation of disturbed lands. The plan shall be developed in conformity with the provisions of the lease, attached stipulations, and the guidelines provided by this Notice. In developing the plan, the lessee or operator will make use of such information as is available from the Federal surface management agency concerning the surface resources, environmental considerations, and local rehabilitation procedures. The plan will be reviewed for adequacy by the Geological Survey and the Federal surface management agency. The Geological Survey will act as the lead agency in assessing the effects of the plan. If the plan is considered inadequate, the Geological Survey will, in consultation with the Federal surface management agency, require modification or amendment of the plan or otherwise set forth such stipulations or conditions of approval as are necessary for the protection of surface resources and environment, including rehabilitation of the disturbed areas.

A. Guidelines for the preparation of surface use and operations plan. In the preparation of surface use and operations plans, the lessees and operators should submit maps, facility layouts and narrative descriptions which adhere closely to the following:

1. Existing roads. A legible map (USGS topographic, county road map, or such other map as is acceptable to the District Engineer and the Federal surface management agency) shall be used for locating the proposed well site in relation to a town or other locatable reference point. The proposed route to the location including appropriate distances from the reference point to the point where the access route exits the highway or county road shall be shown. All proposed access roads shall be appropriately labeled or color coded. Additionally, all existing roads within a radius of three miles (including information relative to the type of surface, condition, and load capacity) from the location of a proposed exploratory well should be shown. For the purpose of this Notice, an exploratory well is defined as a well which is located two miles or more from the boundary of a Known Geologic Structure (as such term is defined by USGS) or a producible well. For all other drillsites (development wells), existing roads within a one-mile radius of the location should be shown.

Any plans for the improvement and/or maintenance of existing roads should also be stated.

Information required by item Nos. 2, 3, 4, 5, 6, 7, and 9 of this subsection may also be shown on this map if appropriately labeled.

2. Planned access roads. Information in this regard is to be submitted on a map of suitable scale and shall appropriately identify all permanent and temporary access roads that are to be constructed, or reconstructed in connection with the

drilling and production of the proposed well. Width, maximum grade, turnouts, drainage design, location and size of culverts, and surfacing material, if any, shall be stated. At the time of submittal, the center line location of all proposed new or reconstructed roads shall be staked with the stakes being visible from any one to the next. However, modification of proposed road design may be required after the location is accepted for drilling. If the well is completed for production, final road design and construction will depend on the amount and type of hydrocarbon found by the well. Information should also be furnished to indicate where existing fences will be cut and whether gates or cattleguards will be used. Additionally, the discussion should make reference to any existing gates which are to be replaced by cattleguards. Cattleguards which are installed or replaced must be designed to adequately carry anticipated loads.

3. Location of existing wells. This information should be submitted on a map of suitable scale and include all wells (water, abandoned, temporarily abandoned, disposal, and drilling) within a two-mile radius of the proposed location of an exploratory well and all wells (water, producing, abandoned, temporarily abandoned, shut-in, injection, disposal, and drilling) within a one-mile radius of the proposed location of a development well.

4. Location of tank batteries, production facilities, and production, gathering, and service lines. Existing tank batteries, production facilities, and production, gathering, or service lines within a one-mile radius of the proposed location which are owned or controlled by the lessee or operator should be shown on a map or plat of suitable scale. The type of each present facility and the exact nature of each existing line (oil flow line, gas gathering line, injection line, or water disposal line) should be identified and it should be noted which, if any, of said lines are buried. If new facilities (tank battery, other production equipment, and lines) are contemplated in the event production is established and those facilities are to be located at other than on the well site itself, the map or plat furnished in this regard must also indicate the location of all proposed new facilities. The dimensions of these facilities, the proposed construction methods and materials, and the protective measures and devices to be employed to minimize hazards to livestock, waterfowl, and other wildlife will be stated. The approximate center locations of all production facility locations and the center lines of proposed gathering and service lines will be staked. A plan for rehabilitation of all disturbed areas no longer needed for operations and maintenance will also be submitted. Future prospects for additional development of the leasehold should be considered in the siting of new facilities. However, final approval to construct such new facilities will not be granted until after detailed plans have

been submitted and evaluated pursuant to Section V. hereof.

5. Location and type of water supply (rivers, creeks, lakes, ponds, and wells). This information may be shown by quarter-quarter section on a plat or map of suitable scale or may be a written description. The source of all water to be used in drilling the proposed well must be noted if located on Federal or Indian land or if water is to be used from a Federal or Indian project. The method of transporting the water shall be stated, and any access roads crossing Federal or Indian land needed to haul the water will be described in item Nos. 1 or 2, as appropriate. However, the Survey's approval of the surface use and operations plan does not relieve the lessee or operator from obtaining any other authorization which may be required for the use of such water. Moreover, if a water supply well is to be drilled on the lease, it must be so stated under this item, and the District Engineer may require the filing of a separate application for permit to drill.

6. Source of construction materials. This information may be shown by quarter-quarter section on a plat or map of suitable scale or may be a written description. The proposed source (if located on Federal or Indian land), character, and use of all construction materials such as sand, gravel, stone, and soil material should be stated. Any access roads crossing Federal or Indian land needed to haul such materials should be described in items Nos. 1 or 2, as appropriate.

7. Methods for handling waste disposal. A brief, written description should be given of the methods and location proposed for safe containment and disposal of each type of waste material (cuttings, garbage, salts, chemicals, and sewage) which results from the drilling of the proposed well. Likewise, the narrative should include plans for the eventual disposal of drilling fluids and any produced oil or water recovered during testing operations.

8. Ancillary facilities. The plans or subsequent amendments to such plans shall identify all ancillary facilities such as camps and airstrips as to their location, land area required, and the methods and standards to be employed in their construction. Such facilities shall be shown on a map of suitable scale. The approximate center of proposed camps and the center line of airstrips shall be staked on the ground.

9. Well site layout. A plat of suitable scale (not less than 1 inch=50 feet) including cross section diagrams of the drill pad showing all cuts and fills and the relation to topography are required. The plat should also include the proposed location of the mud tanks, pits (reserve, burn, and trash), pipe racks, access roads, turnaround areas, parking areas, living facilities, soil material stockpiles, and the orientation of the rig with respect to the pad and other facilities. Plans, if any, to line the reserve pit should be indicated.

Until such time as the location is approved, it will be necessary to stake only the actual location of the well. After approval and before construction commences, the exterior dimensions of the pad and reserve pit will be staked on the ground. The stakes should be appropriately marked to indicate proper cuts and fills to the dirt contractor.

10. *Plans for restoration of the surface.* State the proposed program for surface restoration upon completion of the operation such as determination of the reshaped topography, drainage system, segregation of spoils materials, surface manipulations, waste disposal, revegetation methods, soil treatments, and amendments, plus other practices necessary to rehabilitate all disturbed areas including any access roads no longer needed. Such plans will be reviewed for adequacy by the appropriate Federal surface management agency. A proposed timetable for the commencement and completion of rehabilitation operations must be provided.

11. *Other information.* Include a general description of the topography, soil characteristics, formation lithologies, geologic features, flora, fauna, and other aspects of the area such as other surface use activities. The surface ownership (Federal, Indian, State, or private) at the well location and for all lands which are to be crossed by newly constructed or upgraded roads should be indicated.

Any other available information which is considered by the lessee or operator as being useful to the Geological Survey and Federal surface managing agency in evaluating the environmental impact of the proposed operation, including proximity to steep hillsides and gullies, water wells, ponds, lakes, or streams, occupied dwellings or other facilities, and archeological, historical, or cultural sites, should be included.

Information concerning required cuts and fills during the construction of roads and the location and all construction practices necessary to accommodate potential geologic hazards should be discussed under the appropriate items of the plan.

12. *Lessee's or operator's representative.* Include the name, address, and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

13. *Certification.* The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in item No. 12 of the plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by _____

_____ and its contractors and subcontractors in conformity with this plan

and the terms and conditions under which it is approved.

(Date) _____ (Name and title) _____

IV. ENVIRONMENTAL ANALYSIS REQUIREMENTS

If a preliminary inspection was not made prior to staking, an onsite inspection will normally be required following the filing of the application for permit to drill. If made, it will include representatives of the District Engineer, the lessee or operator, the Federal surface management agency, and such other interested parties as the lessee's or operator's dirt contractor. The purpose of this inspection will be to select the most feasible and environmentally acceptable areas for well sites (considering geologic factors and Federal and State regulations), access roads, and other proposed surface use areas. Accordingly, lessees and operators are encouraged to designate their future development or drilling sites so that several locations may be inspected at one time.

When such an inspection is made, an Environmental Analysis will usually be prepared by the office of the District Engineer. Said analysis will identify methods for mitigating the potential adverse environmental effects associated with the proposed operation and will be the basis of the approving official's determination as to whether approval of the proposed activity would constitute a major Federal action significantly affecting the quality of the human environment as defined by Section 102(2)(C) of the National Environmental Policy Act of 1969. Any surface protection and rehabilitation requirements specified by the Federal surface management agency will normally be made a part of any subsequently approved permit and/or the surface use and operations plan.

Due to the O probability of an onsite in-

Due to the probability of an onsite inspection, the required input from other Federal agencies, and the variations in the level of drilling activity, lessees and operators are encouraged to file applications well in advance of the time when it is desired to commence operations.

V. APPROVAL OF SUBSEQUENT OPERATIONS

Before repairing, deepening, or conditioning a well, i.e., work that will involve change in the original or plugged back depth, casing arrangement, and/or present producing interval(s) including separation or commingling, a detailed written statement of the plan of work must be filed on Form 9-331A or 9-331C with the District Engineer and approval obtained before the work is started. Any proposed change in any such plan of work must also receive the prior approval of the District Engineer. Routine well work such as pump, rods, tubing and surface production equipment repairs will not require submittal of Form 9-331A unless specifically required by the District Engineer.

Lessees and operators are also required to submit for the approval of the District Engineer a suitable plan prior to under-

taking any subsequent new construction, reconstruction, or alteration of existing facilities, including roads, dams, lines or other production facilities on any lease when additional surface disturbance will result. However, emergency repairs may be conducted without prior approval provided that prompt notification is provided to the District Engineer. Sufficient information must be submitted to permit a proper evaluation of the proposed surface disturbing activities as well as any planned accommodations necessary to mitigate potential adverse environmental effects.

The environmental analysis procedures discussed in Section IV of this Notice will also apply to such subsequent operations which have the potential for significant surface disturbance although these requirements may be somewhat less in established producing areas.

VI. AGREEMENT FOR REHABILITATION OF PRIVATELY-OWNED SURFACE

Where the surface is privately owned or is held in trust for Indian benefit, each application for permit to drill or to conduct other surface disturbance activities, shall contain information concerning the private surface owner's or Indian rehabilitation requirements. A written agreement between the lessee or operator and the surface owner is not necessary if a letter from the lessee or the operator setting forth the surface owner's rehabilitation requirements is furnished. In those cases where it is impossible or impractical to obtain the private surface owner's or Indian rehabilitation requirements, a letter from the lessee or operator describing the situation will be acceptable. Payment of damages in lieu of full restoration will not be an acceptable substitute for a normal cleanup and rehabilitation program.

If no arrangements have been made, or if information concerning such arrangements is not furnished, the District Engineer will request the appropriate Federal agency to recommend the necessary surface restoration requirements. In such cases, the lessee or operator will be expected to comply with these rehabilitation requirements, if any, regardless of the arrangement made with the surface owner. *Provided, however,* That subsequent reasonable requests by the surface owner that pits, roads, and other facilities be left intact may be honored. If written proof of prior arrangements has been provided, the appropriate Federal agency will be asked to recommend surface rehabilitation requirements to the District Engineer giving full consideration to the preferences of the landowner.

VII. WELL ABANDONMENT

No well abandonment operations may be commenced in the absence of the prior approval of the District Engineer. In the case of newly drilled dry holes or failures and in emergency situations, oral approval may be obtained from the District Engineer subject to confirmation by written application. For existing wells not having an approved surface use plan,

a sketch showing the disturbed area and roads to be abandoned along with rehabilitation plans must be submitted with the application. However, the Federal surface management agency may request additional surface rehabilitation measures at abandonment and, these requirements are normally made a part of the Geological Survey's approval of abandonment. Upon completion of the abandonment and rehabilitation operations, the lessee or operator should notify the District Engineer that the location is ready for inspection usually via an additional Sundry Notice. Final abandonment will not be approved until the surface rehabilitation work required by the drilling permit or abandonment notice has been completed and the required vegetation is established to the satisfaction of the appropriate Federal surface management agency.

VIII. WATER WELL CONVERSION

The complete abandonment of a well which has encountered usable fresh water will not be approved if the Federal surface management agency wants to acquire the well. If, at abandonment, the Federal surface management agency elects to assume further responsibility for the well, it will reimburse the lessee or operator for the cost of any recoverable casing or well head equipment which it requests to be left in or on the hole solely because it is to be completed as a water well. The lessee or operator will abandon the well to the base of the deepest fresh water zone of interest as required by the District Engineer and will complete the surface cleanup and rehabilitation as required by the drilling permit or abandonment notice immediately upon completion of the conversion operations.

[FR Doc.76-12618 Filed 4-29-76;8:45 am]

DEPARTMENT OF AGRICULTURE

Animal and Plant Health Inspection Service
**"SMOKED" WITH MEAT AND
 POULTRY PRODUCTS**

Use of Term; Solicitation of Information

• **Purpose:** This notice is to solicit information and opinions about the meaning of the term "smoked" when used on the labeling of meat and poultry products. •

Basically, the Department wishes to determine whether the consumer interprets the term "smoked" on the labeling of meat and poultry products to mean that:

(1) The product has been subjected to smoke resulting directly from burning wood which imparts to the finished product certain characteristics, such as a brownish color and a unique aroma and flavor, or

(2) The finished product possesses the expected characteristics of color, aroma, and flavor without regard to the process involved.

The reader may wish to consider these questions before proceeding further. However, to shed additional light

on the matter, further discussion is offered.

Deposition of smoke onto meat and poultry products imparts certain properties, including color, aroma, and flavor, which have consumer appeal. Historically, the process included burning wood and exposing the meat or poultry to the smoke produced therefrom. In more recent times, methods were devised to produce smoke from wood by friction. Although the intensity of smoke on a product has not been specified, to use the term "smoked" on a product label for a federally inspected meat or poultry product, the item must have been subjected to such a smoking process, and must have acquired some degree of the appearance, texture, odor, and taste characteristics usually associated with smoked products.

Within the past few years, technology has made possible the manufacture of an artificial liquid smoke flavoring product containing chemical components simulating the color, aroma, and flavor characteristics of smoke. When used in meat or poultry products, their names are modified with the term "Artificial Smoke Flavor Added." In addition to the synthesized liquid, a natural liquid smoke product is also produced. It is prepared by burning wood and trapping and condensing the smoke into a liquid. The liquid is then filtered to remove many of the undesirable components, such as tars and solid particles. This seemingly does not destroy its ability to accomplish the desired effect of imparting a smoked color, aroma, and flavor to products. Meat and poultry products containing such a substance are required to be labeled with the terms "Smoke Flavored" or "Smoke Flavoring Added." In 1968, the Department approved labeling for meat and poultry products bearing the term "smoked" which had been subjected to the traditional smoking process and which also contained the natural liquid smoke product.

At the present time, there are at least two general methods for applying the condensed liquid smoke, produced from the burning of wood, to meat and poultry. The first method involves spraying or dripping liquid smoke directly onto a heating element which instantly converts the liquid droplets into a gas. Meat and poultry products are then exposed to this smoke to acquire the usual smoked characteristics.

The second method involves the use of air pressure and jet nozzles which break the liquid smoke into minute droplets so they are suspended in the air much like atmospheric fog. Meat and poultry products are exposed to this treatment to take on the usual smoke characteristics.

An initial evaluation led the Department to conclude that meat and poultry products exposed to the smoke vapor produced by the first method could be labeled "smoked" while that treated by the second method could not. The Department's evaluation was heavily influenced by the traditional considerations that the term "smoked" carried a connotation

that a particular process of exposing meat or poultry to "smoke" (in a gaseous phase) was used, and that, as a result of such exposure, the meat or poultry product acquired the usual smoked characteristics. Subsequent discussions on this matter resulted in the realization that there are variances in opinions on the subject, and this has led to the need for publication of this notice.

In connection with the use of liquid smoke, there are at least two other issues which the public should be aware of and have an opportunity to consider prior to offering comment. First, employing any of the methods using natural liquid smoke may offer the processor some advantages as far as sanitation of the smoking facilities is concerned. This reportedly is due to the absence of many of the tars from the liquid smoke. The second advantage involves environmental considerations, since there supposedly is less evacuation of pollutants into the atmosphere than with the natural wood burning processes. This latter advantage has gained particular attention in municipalities having strict ordinances on air pollution.

Therefore, in view of all these considerations, the Department is soliciting public comments with respect to the meaning of the term "smoked" when used on the labeling of meat and poultry products. Specifically, we invite answers to the following questions:

Shall the term "smoked" be limited to use in labeling for those products which:

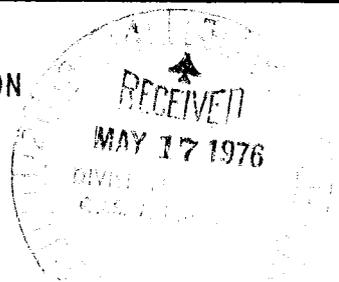
1. Were exposed to natural smoke produced by the burning of wood, or
2. Were exposed to natural liquid smoke transformed into a dense fog-like atmosphere by mechanical means, or
3. Were exposed to natural liquid smoke transformed into a gas by the direct application of heat, or
4. Have the color and flavor characteristic of a smoked product regardless of how they are achieved, and
5. Shall the provisions under 2, 3, and 4 apply to application of artificial liquid smoke products as well without specific label declaration on the origin of the substance used to produce "smoke"?

Any person wishing to submit written data, views, or arguments concerning this matter may do so by filing them, in duplicate, with the Hearing Clerk, U.S. Department of Agriculture, Washington, D.C. 20250, or if the material is deemed to be confidential, with the Product Standards Staff, Technical Services, Meat and Poultry Inspection Program, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Washington, D.C. 20250, by June 29, 1976.

Any person desiring opportunity for oral presentation of views should address such request to the Staff identified in the preceding paragraph, so that arrangements may be made for such views to be presented prior to the date specified in the preceding paragraph. A record will be made of all views orally presented.

All written submissions and records of oral views made pursuant to this notice will be made available for public inspection.

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION



FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Attn Cleon Feight

Well	Location	Lease No.
Koch Exploration Co. #1	664' FNL, 617'FWL, sec. 18, T. 3 S., R. 6 W., USM, Duchesne Co., Utah. Gr.El. 6248'	14-20-262-1119

1. **Stratigraphy and Potential Oil and Gas Horizons.** The surface rocks are Uinta. The pre-existing well will be used as a water disposal well. Koch Exploration, Inc. #9, same section, reported the following tops: Evacuation Creek-3733', Parachute Creek-4897', Douglas Creek-6240', Lower Green River-7720', Wasatch-8040'. Note: Koch Exploration #1 was formally called Chevron Oil #1-A Caloil-Ute Tribal (11-18). The well was a shallow Green River Fm. producer, but was never plugged or abandoned. The original Chevron Oil Co. #1 was terminated at 666' when surface casing parted at 288'. Original hole was plugged from 315' to surface with cement and rig skidded 15' to above location.
2. **Fresh Water Sands.**

In a report from sec. 12, same township, WRD reported: "Water wells in the near vicinity of the proposed test do not exceed about 500 ft. in depth. Fresh or usable water may be found to depths of about 4000 feet in the Green River Fm. at this location. Deeper aquifers contain saline water or brine." Note: The proposed disposal zone will be in the Green River Formation between 4285'-4363'.

3. **Other Mineral Bearing Formations.** Valuable prospectively for solid and semi-solid (Coal, Oil Shale, Potash, Etc.) bitumens. Location falls within oil shale withdrawal E. O. 5327. The Green River Formation contains oil shale but at depths in excess of 4,000 ft.
4. **Possible Lost Circulation Zones.** Lenticular sands of Uinta Formation.
5. **Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.** Unknown.
6. **Possible Abnormal Pressure Zones and Temperature Gradients.** Unknown.
7. **Competency of Beds at Proposed Casing Setting Points.** Probably adequate.
8. **Additional Logs or Samples Needed.** None.
9. **References and Remarks** Outside of KGS.

Date: June 11, 1975

Signed: *Ronald E. Gummerson*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE _____
LEASE NUMBER _____
UNIT Ute Tribal #1

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1976,

Agent's address P. O. Box 2256 Company Koch Exploration Company

Wichita, Kansas 67201 Signed Dwight L. Schmit

Phone (316) 832-5454 Agent's title Operations Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW Sec 18	3S	6W	1		Spotted sk of cmt on top of CIBP @ 4415'. Ran bit & scraper, circ hole clean to 4394'. Perf 7" csg from 4290-4310 & 4330-40 w/2 HPF. Ran Baker Model "R" pkr on 2-7/8" J-55 EUE tbg, circ wtr treated w/corrosion inhibitor behind pkr, set pkr @ 4248' w/19,000# tension. Tested csg to 3000#, held OK.					
<p>* Change well status from T.A. to SWDW effective 3-22-76.</p>										
<p>NOTE: First water disposed into well 4-15-76. Disposal press max of 100#. Daily disposal volume is 500 BWPD.</p>										

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UTE TRIBAL NO. 1
Cedar Rim Field
Duchesne County, Utah
Sec 18-3S-6W

1. Converted to salt water disposal well on 3-2-76.
2. First water disposed on 4-15-76.
3. Water disposed into Green River perms 4290-4310 and 4330-40'.
4. The 7" csg is being protected by treated water behind the 2-7/8" J-55 EUE tbg with a Baker Model "R" pkr set at 4248' w/19,000# tension.
5. Present disposal pressure runs from 0 to 100# while disposing of approximately 500 BWPD.
6. All water is being trucked into the 1000 barrel steel bolted storage tank. No gathering lines have been laid.
7. The following is a list of equipment used in the disposal system:
 - A. 3000# orbit valve on top of well head.
 - B. 65' of 3" schedule 40 weld end pipe between the well and the disposal pump.
 - C. 20' of 4" schedule 40 weld end pipe between the storage tank and the disposal pump.
 - D. National J-60 Triplex disposal pump.
 - E. Waukesha F-817-GU engine to power the Triplex pump.
 - F. 1000 barrel steel bolted tank for storage with a tank heater installed for winter operation.
 - G. Low level float control on tank to shut down Waukesha engine.
 - H. Murphy switch set at 2000# on disposal line for high pressure shut down.
 - I. Containment pit will be dug on east side of tank large enough to hold 1000 barrels. Location will be built to drain tank, pump and well head into pit. No dirt available to build dike, would have to be hauled in.
 - J. High level shut off on tank not needed while trucking water into tank.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

4

Dr. Duty

5. LEASE DESIGNATION AND SERIAL NO.
14-20-262-1119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-T3S-R6W

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Koch Exploration Company

3. ADDRESS OF OPERATOR
1 Park Central Suite 530 Denver CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
664' FNL & 617' FWL *SWNW*
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles NW Duchesne Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 617'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
n/a

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

19. PROPOSED DEPTH
4400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6248 GR 6261 KB

22. APPROX. DATE WORK WILL START*
15-30 days after approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5#	837	700 sx
9"	7"	26-29#	5207	300 sx

- Spot one dump bailer of cmt (approx 1 sack) on BP @ 4400'.
- Perforate Green River 4290-4310, 4330-40 w/l Jspf
- Pump water into well and establish rate
- If rate is satisfactory MIRUPU
- Run packer and 2-7/8 tbg, set packer at 4250+ and test casing to 3,000 PSI.
- Install injection equipment

DTJ-6000'

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

24. SIGNED *J. Nollen* TITLE District Engineer DATE 4/30/75

(This space for Federal or State office use)
PERMIT NO. 43-013-15122 APPROVAL DATE

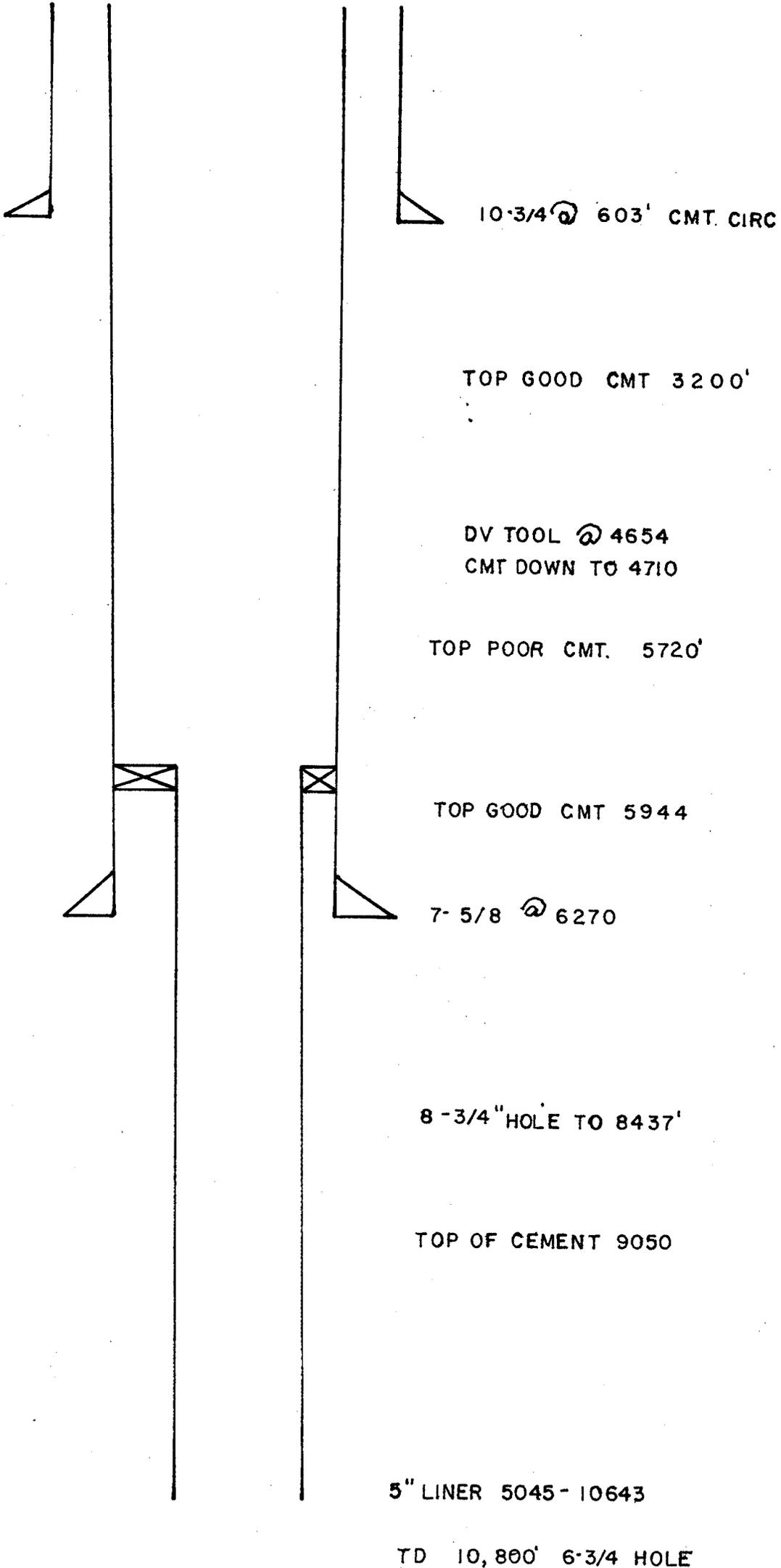
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SINK DRAW NO. 3

1431' FNL & 1613' FEL

Sec. 13, T3S, R7W

Duchesne Co, UTAH



Copy to Water File
K

File

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
FILE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO *Mason*
FOR FILING

May 21, 1976

Mr. Orville Schmidt
Koch Exploration Company
P.O. Box 2256
Wichita, Kansas 67201

Re: Ute Tribal #1
S.W.D.
Sec. 18, T. 3 S., R. 6 W.
Duchesne County, Utah

Dear Mr. Schmidt,

Relevant to your conversion of the above well as it applies to water disposal in non-compliance with the tentative, conditional approval given by Mr. Feight, May 22, 1976, please be advised that the following information is urgently needed before any further action is taken on this matter.

- 1) A complete schematic diagram of the injection well, including the casing bond logs.
- 2) Analysis of two or more samples of produced water. These samples should not be taken simultaneously, but spaced at least a day apart.
- 3) Analysis of the water from the formation being injected into. If this analysis is taken from drill-stem records of surrounding wells, please include copies of the tests as well as the analysis. If it is necessary to calculate an equivalent chloride content from electric logs, include a copy of parameters used and identify the logs so used.
- 4) A correlation of the sands being injected into the immediate surrounding wells, and any wells within a three mile area that are not under lease to Koch, or that have different royalty owners, even though they are Koch operated properties.

Mr. Orville Schmidt
May 21, 1976
Page Two

- 5) Any calculations or positive evidence that the sands being injected into, are not capable of oil or gas production.
- 6) A detailed report covering the completion techniques and procedures used on this well.
- 7) A detailed surface layout of any and all associated auxiliary injection equipment.
- 8) An estimated amount of daily injection and the cumulative amount of injection which has taken place to date. Also, provide a daily injection pressure record.

As soon as this material is received and checked, I'll be back in contact with you regarding the further actions necessary on this well.

If timely submittal of this material is not made, it will be necessary to call for a discontinuance of injection, and the coincidental shut-down of water producing oil wells.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

Kathy

May 21, 1976

Mr. Orville Schmidt
Koch Exploration Company
P.O. Box 2256
Wichita, Kansas 67201

Re: Ute Tribal #1
S.W.D.
Sec. 18, T. 3 S., R. 6 W.
Duchesne County, Utah

Dear Mr. Schmidt,

Relevant to your conversion of the above well as it applies to water disposal in non-compliance with the tentative, conditional approval given by Mr. Feight, May 22, 1975, please be advised that the following information is urgently needed before any further action is taken on this matter.

- 1) A complete schematic diagram of the injection well, including the casing bond logs.
- 2) Analysis of two or more samples of produced water. These samples should not be taken simultaneously, but spaced at least a day apart.
- 3) Analysis of the water from the formation being injected into. If this analysis is taken from drill-stem records of surrounding wells, please include copies of the tests as well as the analysis. If it is necessary to calculate an equivalent chloride content from electric logs, include a copy of parameters used and identify the logs so used.
- 4) A correlation of the sands being injected into the immediate surrounding wells, and any wells within a three mile area that are not under lease to Koch, or that have different royalty owners, even though they are Koch operated properties.

Mr. Orville Schmidt
May 21, 1976
Page Two

- 5) Any calculations or positive evidence that the sands being injected into, are not capable of oil or gas production.
- 6) A detailed report covering the completion techniques and procedures used on this well.
- 7) A detailed surface layout of any and all associated auxiliary injection equipment.
- 8) An estimated amount of daily injection and the cumulative amount of injection which has taken place to date. Also, provide a daily injection pressure record.

As soon as this material is received and checked, I'll be back in contact with you regarding the further actions necessary on this well.

If timely submittal of this material is not made, it will be necessary to call for a discontinuance of injection, and the coincidental shut-down of water producing oil wells.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK.L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

CIRCULATE TO:
 DIRECTOR
 PETROLEUM ENGINEER
 NIPTE COORDINATOR
 ADMINISTRATIVE ASSISTANT
 ALL
 RECEIVED BY: Kathy
 DATE: 7/1/76

July 1, 1976

MEMO FOR FILING

Re: Koch Oil Co.
 Ute Tribal #1 SWD
 Sec. 18, T. 3 S, R. 6 W
 Duchesne County, Utah

On June 30, 1976, a visit was made to the above referred to well site.

Composite Sample
 Disposed Water Quality

<u>PRODUCING WELL</u>	<u>DAILY WATER PRODUCTION</u>	<u>TOTAL SOLIDS PPM</u>	<u>(2 x 3)</u>
Sink Draw #3 (1-13C7)	282	12,000	3,384,000
Cedar Rim #6 (1-21C6)	10	18,500	185,000
" #12 (1-28C6)	343	20,000	6,860,000
" #15 (1-34C6)	411	12,000	4,932,000
" #16 (1-33C6)	166	60,000	9,960,000
" #17 (1-32C6)	10	18,000	180,000
TOTAL	1,222 BHPD		25,501,000
	1 BBL averages		20,868 PPM

23,417,000

If, on the above, the water production from Cedar Rim #16 was eliminated, then:

1,056 BHPD	15,541,000
1 BBL averages	14,717 PPM

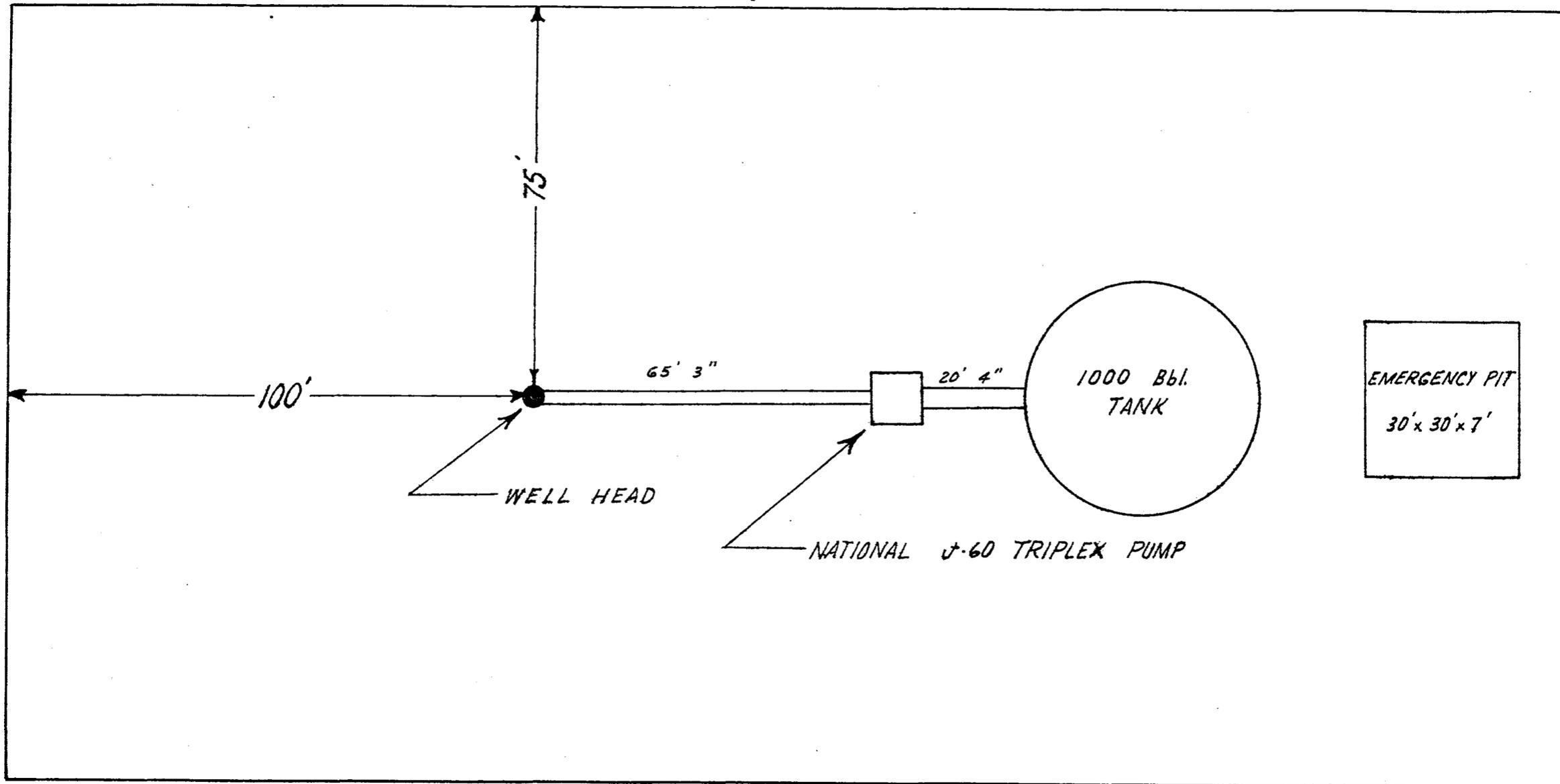
PATRICK L. DRISCOLL
 CHIEF PETROLEUM ENGINEER

PLD:th

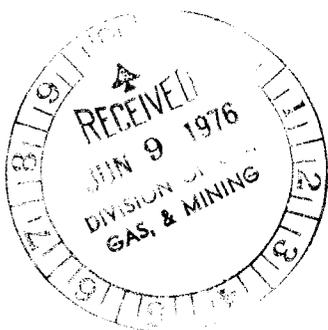
cc: U.S. Geological Survey

UTE TRIBAL NO. 1 SWDW
Sec 18-3S-6W
Cedar Rim Field
Duchesne County, Utah

Disposal Facilities



300'



June 7, 1976

Mr. Patrick L. Driscoll
Dept. of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Ute Tribal #1 SWD
Sec. 18 - T3S - R6W
Duchesne County, Utah

Dear Mr. Driscoll:

Refer to your letter dated May 21, 1976 in which you requested additional information on our Ute Tribal #1 in consideration for use as a salt water disposal. The following information is enclosed:

1. A schematic diagram of the injection well including a casing cement bond log.
2. Analysis of eight samples of produced water.
3. Calculations showing equivalent chloride content (from electric log) of the water from the formation being injected into.
4. A cross section showing the correlation of sands being injected into within a three mile area of the Ute Tribal #1.
5. Calculations attached showing salt water saturation of 100% of interval being used for injection.
6. A detailed completion report.
7. A detailed surface layout of injection equipment.
8. The estimated daily injection is April 380 BPD and May 350 BPD, and the cumulative injection to June 1, 1976 is 16,550 bbls.

CIRCULATE TO:

- DIRECTOR _____
- PETROLEUM ENGINEER _____
- MINE COORDINATOR _____
- ADMINISTRATIVE ASSISTANT _____
- ALL _____

RETURN TO *Koch West file*
FOR FILE

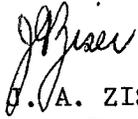
Mr. Patrick L. Driscoll

Page 2

June 7, 1976

If there is any additional information needed, please advise. We appreciate your consideration of this well to be used for salt water disposal since, through an oversight, we started injection before we received your approval. We apologize for our mistake.

Sincerely,



J.A. ZISER
Vice President of Production

JAZ:dh
Enclosures

ESTIMATED FLUID SATURATION IN FORMATION BEING INJECTED INTO

The correlative interval equivalent to the injection interval was analyzed on the Koch Cedar Rim #9 (SW/NE 18-3S-6W) because a porosity log was not available on the proposed injection well.

Interval 4125 - 4158

Average Porosity from Density Log = 11%
Calculated R_w from S.P. Log = .26
Estimated Saturation Exponent (n) = 2.0
Estimated Cementation factor (m) = 2.0
Formation Resistivity from Deep Induction Log (R_t) = 17
Estimated Water Saturation (S_w) = 100%

Based on the above analysis, it is concluded that the proposed injection interval pore spaces are saturated 100% with water.

ANALYSIS OF WATER FROM FORMATION BEING INJECTED INTO

No samples are available - Equivalent Sodium Chloride Content was based on Electric Log Calculations.

WELL - CHEVRON UTE TRIBAL #1

$$R_{mf} = 2.34 @ 75^{\circ}f$$

Estimated Formation Temperature = $102^{\circ}f @ 4500'$

$$R_{mf} = 1.85 @ 102^{\circ}f$$

SSP from Electric Log 4290 - 4355 = $-68 @ 102^{\circ}f$

From Equation -

$$SSP = -K \log_{10} R_{mf}/R_{we}$$

Apparent Formation Water Resistivity = $R_{we} = 0.22 @ 102^{\circ}f$

Formation Water Resistivity = $R_w = 0.26 @ 102^{\circ}f$

Indicated parts per million Sodium Chloride (NaCl) = 17,000

Development Plan for Surface Use - Salt Water Disposal Well
#1 Ute Tribal

1. Existing Roads:

Equipment and personnel will utilize Koch's existing Cedar Rim Area road, which exits US Highway 40 west approximately 7 miles west of Duchesne, Utah, as per the map previously furnished.

2. Planned Access Roads:

There are no planned access roads.

3. Location of Existing Wells.

The existing #1 Ute Tribal well is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 18-T3S-R6W, Duchesne County, Utah. Producing oil wells in the vicinity are shown on the map previously furnished.

4. There are no lateral roads to the #1 Ute Tribal well.

5. Location of Tank Battery and Flow Lines:

The tank battery will be built as near the well as possible and will consist of three 500-bbl storage tanks. Anticipation is the well will take the water on a vacuum. If not, a triplex pump will be set.

6. Location and Type of Water Supply:

The source of water to be injected into the #1 Ute Tribal well will be from Koch existing producing oil wells in the Cedar Rim-Sink Draw area. Water trucks will be used to haul the water initially.

7. Waste Disposal:

There will be no waste.

8. Location of Camps:

No camps are anticipated.

9. Location of Airstrips:

No airstrips are required.

10. Location Layout:

The well has previously been drilled.

11. Plans for Restoration of the Surface:

A minimum amount of the area will be utilized to build the facilities. The area will be leveled and that part not needed in the operations will be seeded with a grass mixture of five pounds crested wheat grass, five pounds intermediate wheat grass and three pounds nomad alfalfa to each acre. The planting will be done in the fall or early winter, when conditions are favorable.

12. General Description of Topography, Vegetation and Other Aspects of Area:

The area at the location has previously been leveled and graded when the well was initially drilled. There are no cedars on the location and the current vegetation is sparse.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

December 6, 1978

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

Koch Exploration Co.
P. O. Box 2256
Wichita, Kansas 67201

Re: Well No. Ute Tribal SWD #1-A
Sec. 18, T. 3S, R. 6W,
Duchesne County, Utah
August 1978 thru' October 1978

Gentlemen:

Our records indicate that you have not filed a "Monthly Disposal Well Report" for the months indicated above on the subject well(s).

In accordance with Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, it is required that a report be filed each month on or before the sixteenth (16) day of the succeeding month following injection. This report may be filed on the enclosed form, or on company forms containing substantially the same information. We are enclosing forms for your convenience.

In order that we may keep our records accurate and complete, a report is still required each month, whether or not fluids are being injected.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
January 4, 1979

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

Koch Exploration Co.
P. O. Box 2256
Wichita, Kansas 67201

Re: Well No. Ute Tribal SWD #1-A
Sec. 18, T. 3S, R. 6W,
Duchesne County, Utah

Gentlemen:

In order that we may obtain maximum and average injection pressure for our records, please utilize the enclosed forms for reporting the above mentioned disposal well.

Please send these reports to the attention of Kathy Avila, Records Clerk. If you have any questions relative to these forms, please do not hesitate to call or write this office.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK



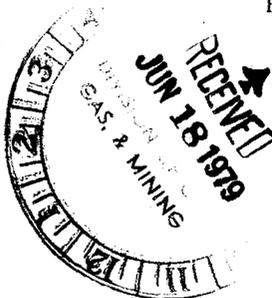
SANTA FE ENERGY COMPANY

ODC DIVISION / AMERICAN NATIONAL BANK BLDG., P.O. BOX 12058, AMARILLO, TX 79101, TELEPHONE: (806) 376-5741

June 12, 1979

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: Disposal of Produced Water
ODC Tribal-Gulf Ute 3-9
Sec 9-T4S-R5W
Indian Ridge (Wasatch) Field
Duchesne Co., Utah



Gentlemen:

Production commenced on the subject well on September 25, 1978. The water production presently averages approximately 300 barrels of water per day and is contained in a fiberglass tank until it is hauled off.

This well is completed in the Wasatch formation. The analysis consists of: PH-7, Specific Gravity-1.000, Chlorides-8490 PPM, Calcium-285 PPM, Magnesium-232 PPM, and Bicarbonates-884 PPM.

Santa Fe and Koch Exploration Company have an agreement, subject to approval by the USGS and Utah Division of Oil, Gas, and Mining, to dispose produced water into the Ute Tribal Salt Water Disposal Well located in section 18-T3S-R6W and operated by Koch.

Approval is requested to dispose of the produced water from the subject well into the Ute Tribal SWD #1 operated by Koch Exploration Company.

Please advise if additional information is requested.

Sincerely,

Marvin L. Webb
Petroleum Engineer

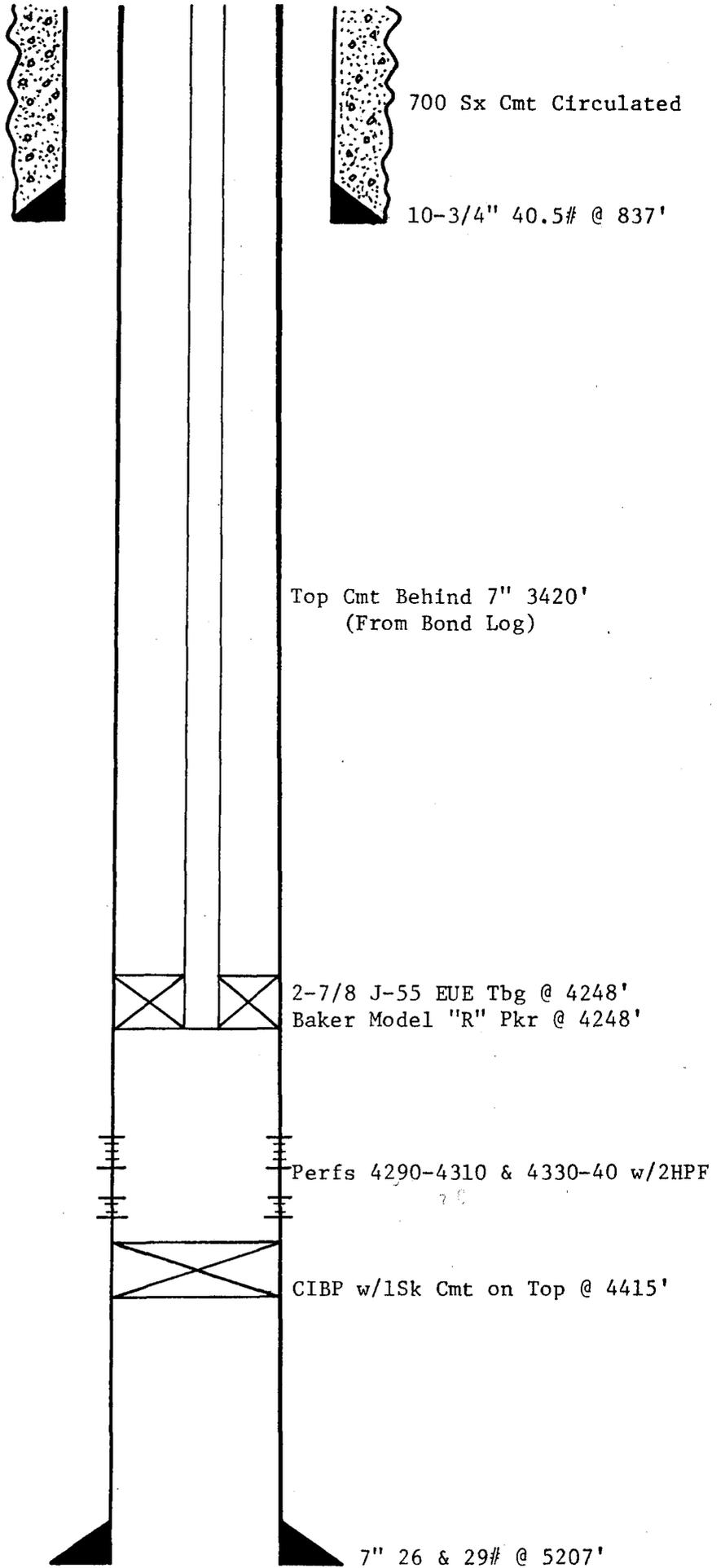
MLW:kw

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 7-5-79

BY: M. J. Minda

Ute Tribal No.1 SWDW
Sec. 18-35-6W
Duchesne County, Utah



SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

TO: All Water Disposal Well
Operators

DATE: September 30, 1980

FROM: CLEON B. FEIGHT

SUBJECT: Waste Water Disposal
Well's

A recent survey of the WDW'S in the Uintah Basin was made and the following apparent deficiencies were noted:

(1) If a high-low pressure shut-off switch was installed, in most instances the high shut-off was far above the formation break-down pressure. Also, on many wells, a pressure chart or gauge for injection pressure had not been installed.

(At this point we'd like to remind all operators that one of the conditions for the utilization of WDW'S was the selection of 0.5/lb. square inch/ft. of depth as the overall formation fracture gradient).

(2) In numerous cases we were unable to determine the presence of a recording device or meter for daily volume injected. (This Division does not at this time specify the type of recording device to be utilized, however, in the case of continued absence of any recorder, it shall and will be the prerogative of the Division to shut the WDW in until such time a working recording device is installed).

(3) Housekeeping in many areas is totally inadequate, and results in unnecessary pollution.

(4) Well identification signs were missing on several locations.

This Division would appreciate if all operators would take immediate steps to put these wells in proper operating order no later than October 30, 1980.

Due to the recent adoption of Rules & Regulations for underground injection of produced water, as well as secondary recovery, etc. by the EPA, a representative from said agency will accompany a member of this Division on our November inspection.

Memo

September 30, 1980

Page Two

So at this time we ask and hope that these wells be in First Class condition.

THANK YOU

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
CLEON B. FEIGHT
DIRECTOR

CBF/bjh



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

August 11, 1981

Koch Exploration Co.
P.O. Box 2256
Wichita, KS 67201

Re: CalOil Ute Tribal 1-A
Sec. 18, T. 3S, R. 6W
Duchesne County, Utah

Gentlemen:

A recent inspection was made on the above mentioned disposal facility and some apparent deficiencies were noted:

- 1) Housekeeping practices around and in the pumping facilities were in very poor condition and inadequate.
- 2) The pit area needs to be cleaned up and the pit needs to be burned off and cleaned or it will result in unnecessary pollution.

It is therefore expedient that these matters must be acted upon immediately before the State Health Department inspectors make their on-site inspections.

Your prompt attention to the above matters will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

THALIA R. PRATT
UNDERGROUND INJECTION SPECIALIST



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

POOR COPY

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 5, 1982

Koch Exploration Co.
P.O. Box 2256
Wichita, KS 67201

Re: CalOil Ute Tribal 1-A SWD
Sec. 18, T3S, R6W
Duchesne County, Utah

Gentlemen:

A recent inspection was made on the above mentioned disposal facility and the following deficiencies were noted.

1. The conditions around the injection station has deteriorated greatly. The unloading area where trucks are discharging water is particularly in poor condition.
 - a. There is a fairly large oil spill which seeped into the shed next to the tank battery and covers the entire floor space. The location and facilities are in extremely poor condition with mud and oil seeping into and around the pumping station.
 - b. Mud covers the inside of both sheds which may have been due in part to run-off of melting snow washing down from the hill which breached the dike and flowed onto the disposal site.

It is therefore expedient that these matters be acted upon immediately before this results in unnecessary pollution. Also, enclosed for your information is a copy of the new Underground Injection Control rules and regulations.

Again I want to stress your prompt attention and action on the above mentioned matters and if you have any questions please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

THALIA R. PRATT
UIC SPECIALIST



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1982

Koch Exploration Company
One Park Central, Suite 530
Denver, Colorado 80202

RE: Caloil Ute Tribal 1-A SWD
Sec. 18, T 3 S, R 6 W
Duchesne County, Utah

Gentlemen:

A recent inspection was made of your above referenced disposal facility. As has been noted several times in the past, the site was in poor condition. Apparently a leak had developed in the well head which resulted in spillage of brine water.

The Division requests either a casing-tubing annulus pressure test be performed on this well within 30 days or, the annulus pressure monitoring begin immediately in accordance with Rule I-6 of the UIC regulations adopted by the Board of Oil, Gas and Mining.

If you have any questions concerning this matter, please call.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Gilbert L. Hunt'.

GILBERT L. HUNT
UIC GEOLOGIST

GLH/mn

Enclosure: Rules

cc: Minerals Management Service



December 3, 1982

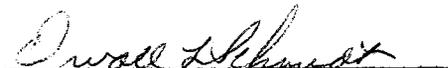
State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Revised Forms DOGM-UIC-1, 2, 3a, 3b & 4:

Gentlemen:

In reference to your letter of November 23, pertaining to the above captioned, this is to advise that we wish to order thirty (30) of form numbers 3b & UIC-2.

Thank you,
KOCH EXPLORATION COMPANY


Orvall L. Schmidt
Vice President
Production Operations

Sent 12/10/82

/bf

RECEIVED
DEC 09 1982

**DIVISION OF
OIL, GAS & MINING**



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 16, 1983

Koch Exploration Co.
P.O. Box 2256
Wichita, KS 67201

Re: CalOil 1-A
Sec. 18, T. 3S, R. 6W.
Duchesne County, Utah

Gentlemen:

A recent inspection was made on the above mentioned disposal facility. It was noted that housekeeping practices have deteriorated and the following conditions should be corrected:

1. Oil covers the front of the pump house and tank.
2. Because of heavy snow melt, the dike has been washed out and mud has washed down onto the injection location and into the pumping facility.

Before this condition creates a pollution problem, the above mentioned problems should be acted upon immediately.

If you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script, reading 'Thalia R. Pratt'.

THALIA R. PRATT
UIC SPECIALIST

TRP/tp

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: KOCK Well No. Vic Central # 1

County: Duchene T 35 R 6W Sec. 18 API# 43-013-15722

New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	_____	_____ <input checked="" type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	_____ <input checked="" type="checkbox"/>	_____
Schematic Diagram	_____ <input checked="" type="checkbox"/>	_____
Fracture Information	_____	_____ <input checked="" type="checkbox"/>
Pressure and Rate Control	_____ <input checked="" type="checkbox"/>	_____
Adequate Geologic Information	_____ <input checked="" type="checkbox"/>	_____
Fluid Source	_____ <u>Glycerin</u>	_____

Analysis of Injection Fluid Yes No _____ TDS 23,117.046

Analysis of Water in Formation to be injected into Yes No _____ TDS 17,000

Known USDW in area _____ Depth _____

Number of wells in area of review 2 Prod. 2 P&A 0
Water 0 Inj. 0

Aquifer Exemption Yes _____ NA

Mechanical Integrity Test Yes _____ No _____

Date 7-21-83 Type 1000 PSI - 10 min.

Comments: TOC 3420

Reviewed by: [Signature]

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT

DATE: 7-21-83 COMPANY/OPERATOR Koch Expl.

Water Disposal Well Enhanced Recovery Well Other

API Well Number 43-013-15122 Field Name Altamont

SEC. 18 TOWNSHIP 35 RANGE 6W WELL NAME/NUMBER Cal Oil 1-A

Lease Name/Number 14-20-262-1119 Location NW 1/4 of NW 1/4 COUNTY: Duchesne

INITIAL CONDITIONS:

Long string Rate/Pressure: _____ bw/d 350 psi
Short String Rate/Pressure: N/A bw/d N/A psi
Csg-tbg Annulus Pressure: 0 psi

CONDITIONS DURING TEST:

Long string Pressure: 600 psi 10 Minutes Time: 10:01 to 10:11
Short string Pressure N/A psi N/A Minutes
Csg-tbg Annulus Pressure 5000 psi
Amount of water added to annulus: 2 bbls on vacuum

AFTER ANNULUS BLEED OFF:

Long string Pressure: 600 psi
Short string Pressure: N/A psi
Csg-tbg Annulus Pressure: 0 psi

REMARKS: Well was tested when injecting casing-tubing annulus pressure held @ 5,000 psi for 10 min. Casing-tubing annulus pressure bled back to 0 after test and remained @ 0. Test appears good.

Grant Farley
Operator Representative (Name)

[Signature]
UIC FIELD INSPECTOR (Witness)

UIC FIELD INSPECTOR (Witness)

Rev. 3/82

Field No. TC TM Nut
 PC PM BOD Spec.

Pest.
 Rad.
 Bact.
 Spec.

Date Recd.: 7/22/83
 Received By: _____

UTAH STATE DEPARTMENT OF HEALTH
 ENVIRONMENTAL HEALTH
 WATER ANALYSES

Sample No. 32560
 701

Store No. _____
 Water Syst. No. _____ Source No. _____
 Date Collected 7/22/83 Time Collected 1005
 702 704
 703 704
 Water Rights No. _____ 707
 Exact Description of sampling Point
ROAD RIM #15 646
KOCH EXPLORATION CO
 Supply Owned by _____ Sample Type _____
KOCH EXPLORATION CO 712 D4 710
 Sample Collected by _____ 713
FEIGHT
 SEND REPORT TO: Phone 5335771
FEIGHT 715
DIV OIL GAS MINING 648
STATE OFFICE BLDG 717
 Zip code _____

Sample Source 02 719
 01 Spring 01 Other
 02 Well 02 Artesian
 03 Stream 03 Artesian
 04 Lake 04 well
 06 Dist. 06 Swimming
 07 Effluent pool
 08 Storm sewer
 County 611 611
 01 Beaver 16 Plute
 02 Box Elder 17 Rich
 03 Cache 18 Salt Lake
 04 Carbon 19 San Juan
 05 Daggett 20 Sanpete
 06 Davis 21 Sevier
 07 Duchesne 22 Summit
 08 Emery 23 Tooele
 09 Garfield 24 Uintah
 10 Grant 25 Utah
 11 Juab 26 Wasatch
 12 Kane 27 Washington
 13 Kane 28 Wayne
 14 Millard 29 Weber
 15 Morgan
 Current use 4 708
 Proposed use 4 709
 1. Culinary
 2. Agriculture
 3. Industrial
 4. Other B
 Cost Code 900 770

2 Temperature (°C) 650 pH 782
 mg/l
 B.O.D.₅ _____ 794
 Tot. Sus. Solids 41 787
 NO₂+NO₃-N _____ 602
 T.K.N. _____ 778
 Oil & Grease 274 780
 mg/l
 T.O.C. _____ 671
 C.O.D. _____ 777
 Cyanide _____ 775
 Phenolics _____ 783
 Sulfide _____ 672

WASTEWATER ANALYSIS
 BACT. LAB No. _____
 M.P.N. Total Coliforms/100ml _____ 658
 M.P.N. Fecal Coliforms/100ml _____ 657
 Fecal Strep C/100ml. _____ 656
 M.F. Total Coliforms/100ml. _____ 654
 M.F. Fecal Coliforms/100ml. _____ 655
 Plate Count-Org./ml. _____ 599

3 Filtered _____ Unfiltered _____
 me/l CATIONS mg/l ug/l (ppb)
 Ammonia as N _____ 722
 Arsenic _____ 723
 Barium _____ 724
 Boron _____ 725
 Cadmium _____ 727
 Calcium _____ 728
 Chromium _____ 729
 Chromium, Hex. as Cr _____ 730
 Copper _____ 732
 Iron, dissolved _____ 733
 Lead _____ 734
 Magnesium _____ 737
 Manganese _____ 738
 Nickel _____ 740
 Potassium _____ 742
 Selenium _____ 743
 Silver _____ 744
 Sodium 2720 745
 Zinc _____ 749
 TOTAL CATIONS _____
 Sp. Cond. μ mhos/cm. _____ 762
 TDS @ 180°C 7610 786

4 CHEMICAL ANALYSIS mg/l pH, units _____
 Silica, dissolved as SiO₂ _____ 758
 Carbonate _____ 759
 Carbonate _____ 760
 Chloride _____ 763
 CO₃ Solids _____ 765
 Fluoride _____ 767
 Hydroxide _____ 767
 Nitrate as N _____ 605
 Nitrite as N _____ 606
 Phosphorus, Ortho as P _____ 607
 Sulfate _____ 750
 Sulfate _____ 772
 TOTAL ANIONS _____
 GRAND TOTAL _____
 Tot. Phosphorus _____ 785
 Total Alk. as CaCO₃ _____ 752
 T. Hdns. as CaCO₃ _____ 754
 Surfactant as MBAS _____ 773
 Turbidity, as NTU _____ 757
 Sp. Gravity _____ 608
 5 TOTAL METALS ANALYSIS mg/l ug/l (ppb)
 Aluminum _____ 800
 Arsenic _____ 660
 Barium _____ 661
 Beryllium _____ 801
 Cadmium _____ 662
 Chromium _____ 663
 Cobalt _____ 804
 Copper _____ 664
 Gold _____ 700
 Iron _____ 755
 Lead _____ 665
 Manganese _____ 666
 Mercury _____ 739
 Molybdenum _____ 802
 Nickel _____ 667
 Selenium _____ 668
 Silver _____ 669
 Uranium _____ 601
 Vanadium _____ 803
 Zinc _____ 670

6 RADIOLOGICS
 Alpha, gross 621 89Sr 633
 Beta, gross 623 131I 635
 Tritium, ³H 625 134Cs 637
 226 Radium 627 137Cs 639
 228 Radium 629
 90Sr 631

INTERPRETATION OF ANALYSES:
 Remarks: _____
 Based on Standards, this sample was:
 Satisfactory _____
 Conditional _____
 Unsatisfactory _____
 B.O.D.₅
 Tot. Sus. Solids
 M.P.N. Total Coliform.
 M.P.N. Fecal Coliform.
 By _____
 ENVIRONMENTAL HEALTH

Analyses Approved By: [Signature] Date: 830810

INSTRUCTIONS FOR COLLECTING WASTEWATER SAMPLES

1. Select point where sample will be representative and where material will not be brushed into sample while sample is taken.
2. Remove cap from bottle carefully.
3. Collect sample by submerging the bottle and pushing forward with a slow, even motion so that the sample will be collected in a single stroke. If the bottle is more than 2/3 full, the excess should be removed before replacing the cap. This can best be done by flipping the water from the bottle.
4. Replace cap.

NOTE: Bottles contain a liquid or white powder (sodium thiosulfate). Do Not Rinse.

DO NOT TOUCH inside of bottle cap or top of bottle neck.

FOR LABORATORY USE ONLY

Date Rec'd _____ Date Rept'd _____

RESULTS OF ANALYSIS:

volume ml.	Presumptive		Confirmed (BGL B S)				Fecal at 44.5°C			
	24	48	24	48	24	48	T	24	24	T
<input type="checkbox"/> 10.0	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 1.0	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-1	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-2	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-3	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-4	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-5	5	5	/	/	/	/	/	5	/	5
<input type="checkbox"/> 10-6	5	5	/	/	/	/	/	5	/	5

M P N Coliforms per 100 ml. M P N Fecal Coliforms per 100 ml.

SDP
CRP

9-76 - 29-7 H SET 1210 4-18-83 301 201
11-93 108 21 2560 H-11-12-83 600 211



October 4, 1983

RECEIVED
OCT 7 1983

State of Utah
Division of Oil, Gas, and Mining
Room 4241 - State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

Attention: Cleon B. Feight
UIC Manager

Gentlemen;

Enclosed please find Form No. DOGM-UIC-1 for our existing salt water disposal well known as UTE Tribal #1 located in Section 18-3S-6W of Duchesne County, Utah. This form was completed in order to comply with rule I-4 of the UIC regulations.

If further information is required for this existing disposal well, please contact Vernon Lowe at (316)832-5483.

Sincerely,

KOCH EXPLORATION CO.


Vernon J. Lowe
Operations Manager

Enc *No form v.c. 87*
/cn *no information needed (no form in file)*

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF
 KOCH EXPLORATION COMPANY

ADDRESS P. O. Box 2256
Wichita, KS ZIP 67201

INDIVIDUAL PARTNERSHIP CORPORATION

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE UTE TRIBAL #1 WELL

SEC. 18 TWP. 3S RANGE 6W
Duchesne COUNTY, UTAH

CAUSE NO. 139-9

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input checked="" type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>UTE TRIBAL</u>	Well No. <u>#1</u>	Field <u>Cedar Rim</u>	County <u>Duchesne</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Disp.</u> Sec. <u>18</u> Twp. <u>3S</u> Rge. <u>6W</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>July, 1983</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile _____	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input type="checkbox"/>		State What _____
Location of Injection Source(s) <u>NW/4 NW/4</u> <u>Sec. 18-T3S-R6W</u>	Geologic Name(s) and Depth of Source(s) <u>Green River</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>4290'</u> to <u>4340'</u>		
a. Top of the Perforated Interval: <u>4290'</u>	b. Base of Fresh Water: <u>no fresh water</u>	c. Intervening Thickness (a minus b) _____	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u> NO			
Lithology of Intervening Zones _____			
Injection Rates and Pressures Maximum _____ <u>4500</u> B/D <u>750#</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Grant Farley P. O. Box 561 Duchesne, Utah 84021</u> <u>Vernon J. Lowe P. O. Box 2256 Wichita, Kansas 67201</u>			

State of KANSAS)

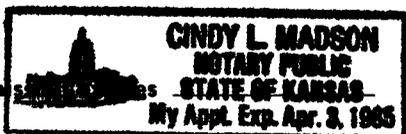
X Vernon J. Lowe
Applicant

County of SEDGWICK)

Before me, the undersigned authority, on this day personally appeared Vernon J. Lowe known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 4th day of Oct., 19 83

SEAL



My commission expires _____

Cindy L. Madson
Notary Public in and for Sedgwick Co., KS

(OVER)

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4	837'	700		
Intermediate					
Production	7"	5207'	300	3420'	
Tubing	2-7/8"	4248'	Name - Type - Depth of Tubing Packer 4248' - Model "R" packer		
Total Depth 5207'	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 4290'	Depth - Base of Inj. Interval 4340'		



KOCH EXPLORATION COMPANY

February 28, 1985

State of Utah
Dept. of Natural Resources and Energy
Division of Oil, Gas and Mining
Room 4241 State Office Building
Salt Lake City, UT 84114

Attn: Mr. Gil Hunt

Re: Injection Well Report

Dear Mr. Hunt:

Santa Fe Energy Company in Duchesne, Utah is now disposing water into our Ute Tribal #1, Sec. 18-3S-6W, Duchesne, Co. Santa Fe Energy, for the month of January, 1985, injected 3,790 Bbls. of water. In the future if the injection figure exceeds this amount we will notify your office.

Yours Very Truly,

Georgia A. Bonat
Production Clerk

/gb

RECEIVED

MAR 05 1985

DIVISION OF OIL
GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 6, 1985

Koch Exploration Company
1225 17th Street, Suite 2540
Denver, Colorado 80202

Gentlemen:

RE: Saltwater Disposal Well Caloil #1, Section 18, Township 3 South,
Range 6 West, Duchesne County, Utah

With respect to the above mentioned well, would you please replace the 3/4 inch valve on the tubing at the well head and repair the extension pipe attached to the main valve on the casing-tubing annulus.

Thank you,

Cleon B. Feight
Cleon B. Feight
UIC Manager

mfp
0009U-38

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER SALT WATER DISPOSAL WELL		5. LEASE DESIGNATION AND SERIAL NO. 14-20-262-1119
2. NAME OF OPERATOR KOCH EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE
3. ADDRESS OF OPERATOR P. O. BOX 2256 WICHITA, KANSAS 67201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 664' FNL & 617' FWL NW/4 NW/4		8. FARM OR LEASE NAME CEDAR RIM
14. PERMIT NO. -----	15. ELEVATIONS (Show whether DF, RT, OR, etc.) GR 6248	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT CEDAR RIM
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 18-T3S-R6W
		12. COUNTY OR PARISH DUCHESNE
		13. STATE UTAH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____	CHANGE OF OPERATOR <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

OPERATOR CHANGED TO:

Held By Production, Inc.
P. O. Box 1600
Houston, Texas 77251

18. I hereby certify that the foregoing is true and correct
SIGNED Dwight L. Schmitt TITLE Vice President Production Operations DATE _____
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Received by DOGM
2/27/86
SAB

September 16, 1986

Memo: To File DBS

RE: Held By Production, Ute 1-A, Section 18, T3S, R6W, Duchesne County, Utah

During a phone conversation on Monday, September 15, 1986, Mike Eckles of Held-By-Production discussed the existing problems on-site. The problems were explained in a letter to Held-By Production on August 18, 1986.

Mr. Eckles indicated that the leaks had been repaired. He is currently making plans to upgrade the injection facility to eliminate future problems. The upgrades may include: re-insulating the pump-house and storage tanks, regrading the oil-saturated soil, enlarging and regrading the existing emergency pit, installing a third storage tank and utilizing one as an oil skimmer tank, redesigning the outside feed line from the water trucks to the storage tanks, or have all injection equipment other than the wellhead moved down to the office.

Future field inspections will be conducted to monitor the progress on this well.

mfp
0055U-28
cc: Bill Moore

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER - Class II Water Injection Well

2. NAME OF OPERATOR
Held By Production, Inc.

3. ADDRESS OF OPERATOR
P. O. Box 306, Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 664' FNL & 617' FWL (NW/4 NW/4) **OCT 02 1989**

14. PERMIT NO. ---43-013-15122

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6248' GR

5. LEASE DESIGNATION AND SERIAL NO.
Fee Surface

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
14

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-3S-6W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Undesirable Incident</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>			

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

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

Despite the name of this well, which was carried over from its initial use as an oil well on a Ute Tribal lease, it is not a Ute Tribal well because it is located on surface owned by HBP, Inc., and HBP, Inc. holds no underlying lease for oil and gas (fee surface/tribal minerals).

On Sunday, September 17, 1989, at approximately 2:00 pm, it was discovered that the tanks for this disposal well had overflowed and that the overflow had breached the surrounding dike. Approximately 200 bbl. of produced water (± 1000 ppm Cl⁻) and approximately 5 gal. crude oil left the location and flowed into a tributary wash to Rabbit Gulch. Some of the water, but none of the oil, flowed into Rabbit Gulch. Approximately 100 bbl. of the water was recovered by vacuum truck from two large potholes upstream of Rabbit Gulch, and virtually all of the oil (black globules up to 1/2" in diameter) was picked up by hand or skimmed off the two pools.

The cause of this spill was the automatic shut-down of the injection pump by the oil sensor when an unusually thick accumulation of oil in the main 400 bbl. tank came in contact with the sensor. This has never before caused a spill of this type, but contrary to HBP's policy the well was not checked first thing in the morning, but rather at 2:00 pm. A repeat of this spill should be prevented by more frequent removal of oil from the tank and adherence to the schedule for checking

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

SIGNED Mark T. Edwards TITLE Operations Manager DATE 9/22/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq.; 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

UIC	
GLH	<input checked="" type="checkbox"/>
DJJ	<input checked="" type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	
MICROFILM	
FILE	

Held By Production, Inc.

P. O. Box 306
Roosevelt, Utah 84066

Office (801) 722-2546
FAX (801) 722-2567

Marc T. Eckels

November 21, 1989

Max H. Dodson, Director
Gustav Stolz, Engineer
Water Management Division
US Environmental Protection Agency
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Gentlemen:

Enclosed you will find a completed Inventory of Injection Wells for the single such well owned and operated by Held By Production, Inc. (HBP) within the exterior boundaries of the Uintah and Navajo Reservations, Utah. This form is filed and a protest for the following reasons: the appropriate package was not received by HBP until November 17, 1989, leaving only three business days until the due date when all other operators apparently had more than two months; and there is room for serious doubt concerning the EPA's authority to regulate this well.

Despite the fact that we are the operator of record for the well #1 SWDW, have the required paperwork on file with the Utah Division of Oil, Gas & Mining (DOG&M) and are on the DOG&M's list of "Approved Disposal Wells", and despite the fact that there is a long record of correspondence with the U&O District Office and the U&O Bureau of Indian Affairs concerning this well (see attachments), the first correspondence received from the EPA was a letter dated October 27, 1989. When that letter was mistakenly headed "U&O REGULATORY CONTROL (UIC) Requirements & Responsibilities for Class II Injection Wells, Navajo and Uintah Reservations in Utah and Colorado". That letter was received by FAX from our Houston office on November 2, 1989. The following day I contacted your Mr. Schmitz to advise him that we operate no Class II injection wells on either of the two reservations, although we do operate such a well on the Navajo Reservation. He told me that it was a matter of internal U&O and that he would have one forwarded to you immediately.

Having received nothing further from the EPA on 11/2/89, I called back Mr. Schmitz to see where HBP's schedule was not in when I called, so I asked for Mr. Dodson. The receptionist informed me would return my call. I waited in my office until 5:30 pm, but my call was not returned.

letter to Mr. Dodson stating the facts and requesting an extension of the filing deadline and sent it by Certified Mail. On November 14th I again called Mr. Schmitz, who was on the phone. I explained to the receptionist that I was beginning to get desperate, that the EPA had sent a letter threatening our operation, had failed to follow through with the proper materials and now would not return my calls. Mr. Schmitz called me back, said that he was unaware that my package had not been sent and that he would take care of it. Later that day I also heard from Mr. Frenette and Mr. Stolz. On November 17, 1989 I finally received the correct package, including a letter that had apparently been sent in January to all other operators! The October letter was just a reminder that the deadline was coming and had not included the rest of the January package. No explanation had been offered as to why HBP was not sent the original package, but the EPA's failure in this gave the other operators at least a ten-month headstart in dealing with what, for us, is a very involved question. Because of the delay HBP has not been able to discuss its reaction adequately with legal counsel.

In spite of its name, HBP's Ute Tribal #1 SWDW is located on the surface, owned by HBP, and the Ute Tribe has no interest whatsoever in the well or its operation. The name was carried over from the well's origin as a 1965 oil and gas well on a Tribal Lease, which has since expired and never belonged to the Ute Tribe. As you may know, the U&O Ute Reservation is a "checkerboard" reservation with a high proportion of the surface and mineral ownership within its exterior boundaries in the hands of private and corporate nonmembers, the State of Utah and the United States. I am not an attorney, nor do I think it my job to explain the case law to a Federal agency. However, the three business days available to HBP before the filing deadline preclude a response from our attorney, so I will suggest that the EPA's attempt to exercise regulatory authority over our SWDW raises sufficient large legal issues that we should be allowed a reasonable extension of the filing deadline. This well is located on fee surface, has been properly regulated by the DOG&M as part of an approved State-administered UIC program, and the appropriate bond is on file with the DOG&M. Why it should be treated as an "Indian well" by the EPA is a question that concerns us very much.

Although I believe that a strong case against the EPA's authority to regulate this well could have been made prior to November 1988, I believe that at least two developments during 1989 make that case even stronger. One case establishes that the EPA considers the surface owner to be the owner of the right to discharge of water in a situation where the surface and mineral estates are split. The other seems to me to indicate that the US Supreme Court would consider the EPA's chosen definition of "Indian well" to be overly broad. I have included references as attachments.

this letter because none of the people I have spoken to at the EPA seemed to have any knowledge of them.

The first case is actually a pair of "split estate" decisions that were handed down by the US-BLM IBLA in March of 1989. The Board concluded that in the case of fee surface/Federal minerals, where the source of water to be disposed of is not the underlying oil and gas lease, the surface owner shall not be required to permit a disposal well with the BLM. This case is essentially analogous to HBP's situation.

The second case, Brendale v. Confederated Tribes and Bands of the Yakima Indian Nation et al, is a June 29, 1989, US Supreme Court decision concerning zoning authority on a checkerboard reservation. Although the case involves zoning, it seems that the Court's reasoning would also apply to other questions of authority. A case on the U&O Ute Reservation might be even stronger as the U&O was opened by Congress to homesteading in addition to the allotment consequences that the Court said diminished the Yakima's authority.

The EPA's effort to assume authority over our well, and several other wells, within the exterior boundaries of the U&O Ute Reservation is based on a faulty premise in any event. On page 4175 of the Federal Register, Vol. 53, No. 206, the rationale for the effort states that, "Because States could not or did not assert jurisdiction over the Indian lands within their boundaries, Indian lands were not included in the State-administered UIC programs." This simply is not true for the State of Utah insofar as the DOG&M has always asserted its authority to regulate all wells located on fee surface, regardless of whether or not that surface happened to be inside the exterior boundaries of the U&O Ute Reservation. HBP's well is approved by the DOG&M, a proper bond is on file, DOG&M's reporting requirements are more rigorous than the EPA's, while DOG&M's permitting criteria are essentially the same. I might add that DOG&M knows who is operating on what land within the State, and they return my phone calls. The environment is, and has been, protected. This is not an environmental issue, but rather a political red turf issue.

HBP has every intention of continuing to operate in full compliance with the regulations of the Utah DOG&M and hereby requests an extension of the filing deadline to September 25, 1990, to allow it the same amount of time to deal with the political and legal issues as was allowed those operators who were properly notified by the EPA last January.

Sincerely yours,

Marc T. Eckels

Attachments: Utah DOG&M "Approved Disposal Wells" - 1 page
April 15, 1986 letter from HBP's attorney to
U&O BIA Agency - 3 pages
BLM Information Bulletin No. UT 89-101
Syllabus from Brendale v. Confederated Tribes
and Bands of the Yakima Indian Nation et al,
decided by the US Supreme Court June 29, 1989
- 6 pages



U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF DRINKING WATER
INVENTORY OF INJECTION WELLS
(This information is collected under the authority of the Safe Drinking Water Act.)

I. DATE PREPARED
(mo., day, & year)

II. FACILITY I.D. NUMBER

III. TRANSACTION TYPE

- 1. DELETION
- 2. FIRST TIME ENTRY
- 3. CHANGE OF ENTRY

111789 UT4301315122

IV. FACILITY NAME AND LOCATION

A. NAME
DILUTE TRIBAL #1 SWDW A-1 well

B. STREET ADDRESS OR ROUTE NUMBER
02 NW/4 NW/4 SEC 18-T3S-R6W

C. CITY OR TOWN D.S.T. E. ZIP CODE F. COUNTY G. INDIAN LAND (mark 'X')

03 DUCHESSNE COUNTY UT 84066 2

Free Surface inside EXTERIOR BOUNDARY OF WLD UTE RESERVATION

V. LEGAL CONTACT: TYPE, NAME, PHONE, MAILING ADDRESS, AND OWNERSHIP

A. TYPE (mark 'X') B. NAME (last, first, & middle initial) C. PHONE (area code & no.)

04 1. OWNER ECKELS, MARC T. 8017222546

D. ORGANIZATION
05 HELD BY PRODUCTION, INC.

E. STREET OR P.O. BOX
06 P.O. BOX 306

F. CITY OR TOWN G. ST. H. ZIP CODE I. OWNERSHIP (check one)

07 ROOSEVELT UT 84066

P. PRIVATE M. PUBLIC O. OTHER (specify)
 S. STATE F. FEDERAL

VI. WELL INFORMATION

WELL OPERATION STATUS: UC = UNDER CONSTRUCTION AC = ACTIVE TA = TEMPORARILY ABANDONED
PA = PERMANENTLY ABANDONED AND APPROVED BY STATE AN = PERMANENTLY ABANDONED AND NOT APPROVED BY STATE

WELL NO.	A. CLASS AND TYPE	B. TOTAL NO. OF WELLS	C. WELL OPERATION STATUS					D. COMMENTS (optional)
			UC	AC	TA	PA	AN	
018	2-D	1		1				THIS IS A STATE-APPROVED WELL. IT IS LOCATED ON LAND (SURFACE) OWNED BY HBP. THE MINERALS ARE OWNED BY THE WLD UTE TRIBE. HBP DOES NOT HAVE AN ACTIVE O&G LEASE FOR THIS PROPERTY. THE NEAREST TOWN, DUCHESSNE, IS 1.72 MILES SE.
019								
020								
021								
022								



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangster
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84103-1203
801-538-5340

APPROVED DISPOSAL WELLS April 10, 1989

Operator	Well	API #	Township	Range	Section
Texaco	Telonias #1	43-007-30093	14S	9E	19
Texaco	Govt. Drew #1	43-007-30100	14S	9E	34
Held-By-Prod.	Ute #1-A	43-013-15122	3S	6W	18
Pennzoll	#1-11A2 ✓	43-013-20255	1S	2W	11
Pennzoll	#1-3A2 ✓	43-013-30021	1S	2W	3
ANR	#2-23B4 ✓	43-013-30038	2S	4W	23
Rooney Op.	#1-21B3 ✓	43-013-30146	2S	3W	21
ANR	#1-27A4 ✓	43-013-30266	1S	4W	27
Graham Energy	F.J. Fenzl #1 ✓	43-013-30311	2S	2W	15
ANR	#2-4B3	43-013-30337	2S	3W	4
ANR	#2-27B5	43-013-30340	2S	5W	27
Pennzoll	#2-28A2	43-013-30346	1S	2W	28
Linmar	#2-16	43-013-30361	1S	3W	16
Linmar	#2-35	43-013-30362	1S	5W	35
Pennzoll	#2-10B1	43-013-30367	2S	1W	10
Pennzoll	#3-31A3	43-013-30368	1S	3W	31
Linmar	#2-32B4	43-013-30371	2S	4W	32
Graham	SND #1	43-013-30372	3S	6N	24
Pennzoll	#2-17C5	43-013-30388	3S	5W	17
Pennzoll	#2-26A2	43-013-30389	1S	2W	26
ANR	#2-11D5	43-013-30391	2S	5W	11
Coastal	Powell #3	43-013-30478	1S	2W	13
Samedan	State #2-23	43-015-30111	16S	12E	2
Smoot	State A-2	43-019-10833	23S	17E	16
DYCO	Gov. #C-2	43-037-10012	40S	23E	20
Petrodrill	#3-2	43-037-15121	43S	24E	13
Mobil	WM #60	43-037-15534	42S	24E	2
Columbus	#41-35	43-037-15877	41S	21E	35
Mobil	#27-14	43-037-20292	41S	26E	27
X-Creek	S. Ismay #1	43-037-16269	41S	26E	5
Petrodrill	#5	43-037-15921	43S	25E	18
Unocal	B-816	43-037-16244	30S	24E	16
Unocal	B-624	43-037-16516	30S	24E	24
Hexpro	Connelly #1	43-037-30064	36S	25E	13
Hexpro	Bug #12	43-037-30595	36S	26E	21
Hexpro	Patterson #5	43-037-31019	38S	25E	4
Phillips	Fork D-10	43-043-30001	3N	14E	14

*Wells with
interior
boundary of
40 Ute
Reservation*

FRUITT, GUSHEE & FLETCHER

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111

(801) 531-8448

TELECOPIER (801) 531-8468

OF COUNSEL
JAMES F. SHEPHERDROBERT G. FRUITT, JR.
OLIVER W. GUSHEE, JR.
F. ALAN FLETCHER
ROBERT G. FRUITT, III
THOMAS W. BACHTTELL

April 15, 1986

RECEIVED APR 17 1986

Mr. Roger G. Coonrod, Superintendent
 Uintah and Ouray Agency
 Bureau of Indian Affairs
 Ft. Duchesne, Utah 84026

Re: Water Injection Well
 (Sec. 18, T.3-S, R.6-W)

Dear Mr. Coonrod:

This is in response to your letter dated April 9, 1986 and the Ute Tribe's letter of December 13, 1985 enclosed therewith, both regarding the water disposal injection well located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 18, Township 3 South, Range 6 West, USM, in the Cedar Rim Field in Duchesne County, Utah.

As you know, Held By Production, Inc. ("HBP") has acquired from Koch Industries, Inc. and Koch Exploration Company all of its former interests in leases covering 13 producing oil wells in the Cedar Rim-Sink Draw Field, most of which involve Ute Tribal leases. The Section 18 injection well was not one of those 13 wells.

The Caloil Ute Tribal No. 1 Well, the injection well you referred to, was originally drilled in 1965 by California Oil Company and when the well became uneconomic it was shut-in in 1971. In 1976 Koch Exploration Company converted the Caloil Ute Tribal No. 1 Well to a produced water disposal injection well and it has been continuously used as such since that time. The original oil well produced from the Green River formation in the depth interval 4647 to 4715 feet; the injection zone is higher in the Green River formation, in the depth intervals 4290 to 4310 and 4330 to 4340 feet. Therefore, the water disposal injection well does not influence the formerly productive oil formation in this well or in any neighboring wells. The Utah Division of Oil, Gas and Mining and the U.S. Geological Survey have both approved this injection disposal well (back in 1976), and both agencies concluded that injection of produced water into the zones described above would not adversely affect any oil and gas or groundwater resources.

The land on which the Caloil Ute Tribal No. 1 disposal well is located is privately owned. Koch acquired the 2.5

Mr. Roger G. Coonrod
April 15, 1986
Page 2

acre tract on which the well is situated from the private owner by condemnation (recorded in Book A-49, Pages 415-417) and assigned all of its rights to HBP on February 12, 1986.

I fail to see how the Ute Indian Tribe has any interest or jurisdiction regarding this water disposal injection well. As I understand the situation, a former Tribal oil and gas lease covering Section 18 terminated in 1984. Probably an even earlier Tribal lease, issued sometime prior to 1965, expired when the Caloil Ute Tribal No. 1 Well was abandoned in 1971, or certainly before the bore hole was converted to an injection well in 1976. The water injection well presently has no relationship to Tribal leases, either former leases or any current lease covering Section 18.

Mr. William McConkie, your solicitor, can confirm that an owner of reserved oil and gas deposits owns only the right to explore for and produce the reserved minerals. As to Section 18, the Tribe does not own rights to subsurface water resources or the right to inject produced water, any more than the Tribe owns the right to underground storage. These rights to the subsurface are judicially recognized as being vested in the private landowner. In the absence of demonstrable proof that water injection adversely affects the Tribe's reserved oil and gas deposits (a fact certified to the contrary by state and federal approvals of the injection well), the Tribe simply has no proprietary interest.

Held By Production, Inc. is a new operator in the Cedar Rim Field, and prefers not to challenge the BIA, the BLM or the Tribe over a peripheral issue, such as a water disposal injection well. I have previously conferred with several technical personnel of the BIA, the BLM and the Tribe concerning the operation of this injection well, and have been satisfied that this well is useful, is needed, and has an overall beneficial effect on surrounding producing wells, since it serves as an economical solution to an otherwise costly operating problem. I am convinced that someone is confused and somehow wrongly associates this 1976 injection well with the Ute Tribal Oil and Gas Lease which expired in 1984. I am aware that the BLM on August 21, 1984 and the BIA on August 24, 1984 expressed such an opinion, so it is no surprise that the Tribe would be confused. Perhaps the BLM and BIA were not aware that the injection well is on privately owned land, and that Koch Exploration Company had acquired rights to the well by condemnation, which have since been transferred to HBP.

If, after having looked more closely into the matter, you perceive a flaw in my statement of the facts or my legal reasoning, I would certainly welcome the opportunity to discuss

Mr. Roger G. Coonrod
April 15, 1986
Page 3

the matter further on behalf of my client, Held By Production, Inc. In the meantime, I am advising my client that the continued operation of the injection well does not require a Plan of Operation, or that the well must be plugged and abandoned as your letter asserts. There is absolutely no basis for your allegation that my client's lawful use of the injection well constitutes a trespass of the Tribe's reserved oil and gas rights. I look forward to hearing further from you.

Yours very truly,



Robert G. Pruitt, Jr.

RGP/dbk
0777.04

Held By Production, Inc. (Houston)
Production, Inc. (Denver)
James L. Rice, III, Esq.
Karen Dishroon, Landman
William B. McConkie, Esq.

UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D.C. 20240

March 21, 1989

UTAH STATE OFFICE			
Rt.	Off.	Init.	Date
	SD		
1	ASD	ICC	3/31
	PAO		
	EEO		
2	MR	RH	4/2
3	L & R		
4	Oper.		
	Admin.		

IN REPLY TO: 3160(610)
 REFERENCE: _____
 Info: _____
 Discuss: _____

Information Bulletin No. 89- 192

To: All State Directors

From: Director

Subject: Recent IBLA Decisions Concerning Water Disposal on Split Estate Lands

Following the release of two recent IBLA decisions, Mallon Oil Company (104 IBLA 145) and Phillips Petroleum Company (105 IBLA 345), a meeting was held between the Solicitors Office and the Washington Office Fluids Minerals and Right-of-Way staffs to discuss any impacts the decisions may have on Federal Oil and Gas and Right-of-Way administration.

Briefly, the IBLA decisions reached the following conclusions.

1. Mallon Oil Company (104 IBLA 145). Generally (in the absence of a controlling State law or ruling to the contrary), the surface owner owns the subsurface void for water disposal purposes. This case dealt with acquired Federal surface/private mineral lands.
2. Phillips Petroleum Company (105 IBLA 345). This decision reflected the same conclusion as Mallon. However, the lands in question were private surface/Federal mineral lands.

Based on these decisions and the discussion, the following conclusions have been drawn.

- (1) On leased split estate land (private surface, Federal minerals), BLM has full authority to approve permits and require bonds for wells that are drilled specifically to dispose of water produced on the leases or for pressure maintenance/enhanced recovery projects, under the Mineral Leasing Act.

Historically, the mineral owner has reserved any surface rights necessary to exploit the mineral resource. On-lease injection for water disposal or for the purpose of pressure maintenance/enhanced recovery is viewed as lease operations necessary to develop and produce the mineral resource.

* If a well is drilled on private surface/Federal minerals as a disposal well for water not produced on-lease or unit (a commercial water disposal well) it is BLM responsibility to ensure that the

disposal does not adversely impact Federal minerals. The Board stated that BLM's permitting authority under section 302(b) of FLPMA is not the appropriate means to protect the mineral resource. The Board stated that such protection can be achieved through coordination and cooperation with the Environmental Protection Agency or the primary State with underground injection program responsibility.

- (2) The Bureau's policy concerning the ownership of underground space for the purpose of gas storage is not affected by these decisions. Although written policy on this subject has not previously been issued, the Bureau has consistently presumed that the right of underground storage belongs to the mineral owner. Several State Offices have existing agreements with split surface and mineral ownership which were entered into under this presumption; no existing agreement is known in which the surface owner is presumed to have the underground storage right. Several prior Federal and State court decisions have taken views on either side of this issue. Further, language in the Mineral Leasing Act of 1920, as amended (30 U.S.C. 22b(j)), authorizes the Secretary to enter into storage agreements ". . . in lands leased or subject to lease. . .", presumably referring to the mineral estate. Based on the Bureau's past policy, the conflicting case law, and the Mineral Leasing Act, it would be premature to extend the conclusions of the IBLA decisions to gas storage areas and agreements.

Hillary A. Oden
 Hillary A. Oden
 Assistant Director, Energy and
 Mineral Resources

2 Attachments

- 1 - Mallon Oil Company (104 IBLA 145) (9 PP)
 2 - Phillips Petroleum Company (105 IBLA 345) (8 PP)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:
3160
(U-922)

July 10, 1989

Information Bulletin No. UT 89-101

To: District Managers
From: Deputy State Director, Mineral Resources
Subject: IBLA Decisions Concerning Water Disposal on Split Estate Lands

Attached for your information is WO IB 89-192, which provides information and clarification regarding two recent IBLA decisions and their impact on Bureau authority for disposal of produced water on split estate lands.

Harold A. Lamm

1 Attachment
1. WO IB 89-192 (19pp)

Distribution
Director, 612, 601 Premier Bldg (1)
SCD, SC-100 (1)

	INITIAL	ASSIGNED
Planning		
Administration		
Resources		
Operations		
RECEIVED		
JUL 13 1989		
BUREAU OF LAND MGMT. VERMIL. UTAH		
Minerals		1
Dis. Mtn.		2
Bookcliff		3
All Employees		

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

TEST DATE: 1-8-80th WELL OWNER/OPERATOR: Held By Production
DISPOSAL WELL: ✓ ENHANCED RECOVERY WELL: OTHER:
API NO: 43- 15122 WELL NAME/NUMBER: Ute 1 A
SECTION: 18 TOWNSHIP: 3S RANGE: 6W

INITIAL CONDITIONS:

TUBING - rate: ^{SI} pressure: 0
CASING/TUBING ANNULUS - pressure: 0

CONDITIONS DURING TEST:

TUBING pressure: 0 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1000 psi
annulus pressure drop during test: 0 psi

CONDITIONS AFTER TEST:

TUBING pressure: psi
CASING/TUBING ANNULUS pressure: 1000 psi

REMARKS:

Passed MIT

[Signature]
OPERATOR REPRESENTATIVE

[Signature]
DOG M WITNESS



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 18, 1990

Held By Production
Marc Eckels
P.O. Box 1870 Route 1
Roosevelt, Utah 84066

Dear Mr. Eckels:

Re: Pressure Test on Ute-1A Salt Water Disposal Well

The referenced well located in Section 18, Township 3 South, Range 6 West, USM, Duchesne County, Utah, was pressure tested on January 8, 1990. The test was witnessed by Mr. Dan Jarvis of this Division and Marc Eckels of Held By Production. The casing, tubing annulus was pressured to 1000 psi and held for 25 minutes. There was no pressure bleed off in this time period, indicating that the well has mechanical integrity. This test fulfilled the testing requirements of Rule R615-5-5, Oil and Gas Conservation, General Rules.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dan Jarvis".

Dan Jarvis
UIC Geologist

ldc
WOI9

File # 1-A
35-6W-18
43-013-15122

Handwritten: 211C filed - orig file
cc [unclear]
R. F. [unclear]
[unclear]

Held By Production, Inc.

P. O. Box 306
Roosevelt, Utah 84002

Office (801) 722-2566
FAX (801) 722-2567

DATE: 11/22/97

RENDERED TO: Dr. DIANNA R. NIELSON

COMPANY: WASH. DODGE

LOCATION: SLC

FAX NO.: 359-3940

INCLUDING THIS PAGE: 12

Held By Production, Inc.

Marc T. Eckels

P. O. Box 306
Roosevelt, Utah 84066

Office (801) 722-2546
FAX (801) 722-2567

February 25, 1991

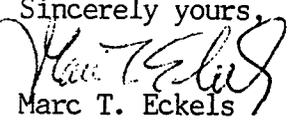
C. E. Williams
US Environmental Protection Agency
UIC Section, 8WM-DW
999 13th Street, Suite 500
Denver, Colorado 80202-2405

RE: Annual Disposal Well Monitoring Report for the Ute Tribal #1 (UTO2555)

Dear Mr. Williams:

Enclosed you will find the completed Annual Report for our Ute Tribal #1 Disposal Well at Cedar Rim in Duchesne County, Utah. This well was tested by the Utah Division of Oil, Gas & Mining for mechanical integrity on January 8, 1990. The well has good mechanical integrity according to the test results, which I have attached for your information. I do not know if these results will satisfy your future testing requirement for this well, but if they do perhaps we can both save a trip.

Sincerely yours,

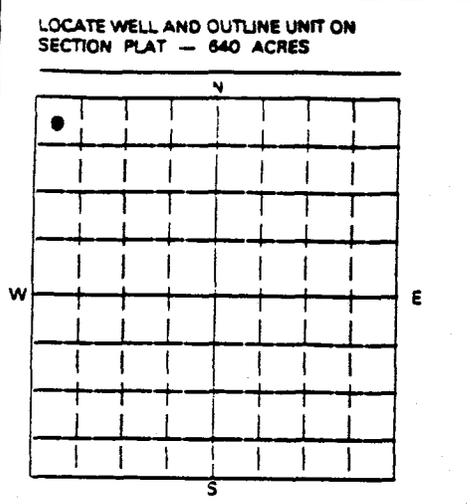

Marc T. Eckels



ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

NAME AND ADDRESS OF EXISTING PERMITTEE
Held By Production, Inc.
P. O. Box 306, Roosevelt, Utah 84066

NAME AND ADDRESS OF SURFACE OWNER
Held By Production, Inc.
P. O. Box 306, Roosevelt, Utah 84066



STATE Utah **COUNTY** Duchesne **PERMIT NUMBER** UTO 2555

SURFACE LOCATION DESCRIPTION
C $\frac{1}{4}$ OF $\frac{1}{4}$ OF $\frac{1}{4}$ OF SECTION 18 TOWNSHIP 3S RANGE 6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 664 ft. from (N/S) N Line of quarter section
and 617 ft. from (E/W) W Line of quarter section

WELL ACTIVITY **TYPE OF PERMIT**
 Brine Disposal Individual
 Enhanced Recovery Area
 Hydrocarbon Storage Number of Wells _____

Lease Name No Lease Well Number Ute Tribal #1*

*Despite the name, this is not a Ute Tribal well. It was converted from an old Caloil oil well.

INJECTION PRESSURE		TOTAL VOLUME INJECTED			TUBING - CASING ANNULUS PRESSURE (OPTIONAL MONITORING)		
MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
1	- 90	350	500	38,900	0	0	0
2	- 90	350	500	32,800	0	0	0
3	- 90	350	500	40,800	0	0	0
4	- 90	350	500	40,800	0	0	0
5	- 90	350	500	47,600	0	0	0
6	- 90	350	500	44,400	0	0	0
7	- 90	350	500	46,500	0	0	0
8	- 90	350	500	46,600	0	0	0
9	- 90	350	500	42,500	0	0	0
10	- 90	350	500	52,600	0	0	0
11	- 90	350	500	60,100	0	0	0
12	- 90	350	500	67,900	0	0	0

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)
Marc T. Eckels, Operations Manager

SIGNATURE

DATE SIGNED
2/25/91



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 18, 1990

Held By Production
Marc Eckels
P.O. Box 1870 Route 1
Roosevelt, Utah 84066

Dear Mr. Eckels:

Re: Pressure Test on Ute-1A Salt Water Disposal Well

The referenced well located in Section 18, Township 3 South, Range 6 West, USM, Duchesne County, Utah, was pressure tested on January 8, 1990. The test was witnessed by Mr. Dan Jarvis of this Division and Marc Eckels of Held By Production. The casing, tubing annulus was pressured to 1000 psi and held for 25 minutes. There was no pressure bleed off in this time period, indicating that the well has mechanical integrity. This test fulfilled the testing requirements of Rule R615-5-5, Oil and Gas Conservation, General Rules.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Jarvis". The signature is written in a cursive style and is enclosed within a hand-drawn oval.

Dan Jarvis
UIC Geologist

ldc
WO19



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

Ref: 8WM-DW

JUL 22 1991

RECEIVED

JUL 26 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIVISION OF
OIL GAS & MINING

Mr. Marc T. Eckels
Held By Production, Inc.
P. O. Box 306
Roosevelt, UT 84066

RE: UNDERGROUND INJECTION CONTROL (UIC)
NOTICE OF NONCOMPLIANCE
Caloil Ute Tribal #1-A SWD
EPA No. UT2000-02555
Duchesne County, Utah

43-013-15122
Held by production

Dear Mr. Eckels:

On June 13, 1991, at 4:30 P.M., an Environmental Protection Agency (EPA) inspection was conducted at a salt water disposal facility in Section 18, Township 3 South, Range 6 West, Duchesne County, with exact location, well name and operator unknown to the inspectors at the time, due to lack of information at the lease site. At a later date, this facility was found to belong to Held By Production, Inc. of Roosevelt, Utah, and located in the NW/4, NW/4, Section 18, Township 3 South, Range 6 West, and known as the Caloil Ute Tribal #1-A SWD well of Cedar Rim Field.

Please be advised that during the recent inspection of your facility that the following apparent deficiencies were noted:

- (1) Housekeeping practices around and in the pumping facilities were in very poor condition with mud and oil seeping into and around the pumping station with maintenance of equipment questionable.
- (2) Sampling valve leaking (running) produced water out on the ground and into a pit.
- (3) The pit area needs to be cleaned up and the oil skimmed off, or it could result in unnecessary pollution.
- (4) Well identification sign missing.
- (5) We were unable to determine the presence of gauges, a recording device, or meter for volume injected.

Mr. Marc T. Eckels
Held By Production, Inc.
Notice of Noncompliance
Page 2

The EPA has no direct authority for the first four items, however, a copy of this letter is being sent to the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, for their information.

A current review of the above captioned salt water disposal well compliance file reveals three (3) other areas of non-compliance of which are particular concern to the EPA:

- (6) An approved Plugging and Abandonment Plan, EPA Form 7520-14, per 40 CFR 144.28 (c), is not on file for the Caloil Ute Tribal #1-A.
- (7) Last indicated mechanical integrity test was run July 21, 1983. The owner or operator shall demonstrate mechanical integrity once every five (5) years during the life of the injection well.
- (8) As an owner/operator of a Class II injection well, governed by the Underground Injection Control (UIC) Program on lands within the exterior boundary of the Uintah-Ouray Indian Reservation of Utah, you are required to maintain financial responsibility and resources to close, plug, and abandon this well. Your financial responsibility is presently not on file with this agency.

To bring this well into compliance, please provide the following within the specified time frame:

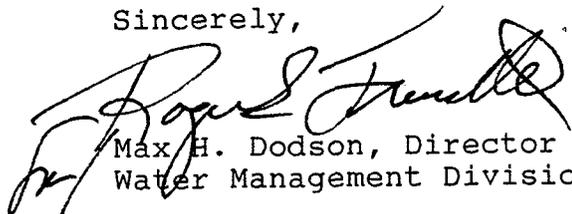
- (1) A Plugging and Abandonment Plan with narrative, EPA Form 7520-14 (enclosed).
- (2) A Financial Responsibility (FR) demonstration. Sample and FR guidance enclosed.
- (3) Contact this office to arrange an Mechanical Integrity Test (MIT), possibly the week of July 29, 1991, as Mr. Williams and Mr. Tinsley will be in the area to witness other MIT's.
- (4) Provide information to this office on your monitoring procedures (pressures and volume).

Continued noncompliance with these requirements constitutes a violation of the UIC program and the Safe Drinking Water Act (SWDA) and is grounds for enforcement action, including civil penalties. Please provide the required information, as described above, within twenty-one (21) days of receipt of this letter.

Mr. Marc T. Eckels
Held By Production
Noncompliance
Page 3

Please direct all correspondence, forms and reports to Chuck Williams at the above letterhead address (MAIL CODE 8WM-DW) or telephone Chuck at (303) 293-1550 if you should have further questions.

Sincerely,



Max H. Dodson, Director
Water Management Division

Enclosures:

cc: Ferron Secakuku
Ute Indian Tribe

Charles Cameron
Bureau of Indian Affairs

Jerry Kenska
Bureau of Land Management

Gilbert Hunt
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

RECEIVED

JUL 26 1991

DIVISION OF
OIL GAS & MINING

Ref: 8WM-DW

JUL 22 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Marc T. Eckels
Held By Production, Inc.
P. O. Box 306
Roosevelt, UT 84066

RE: UNDERGROUND INJECTION CONTROL (UIC)
NOTICE OF NONCOMPLIANCE
Caloil Ute Tribal #1-A SWD
EPA No. UT2000-02555
Duchesne County, Utah

Dear Mr. Eckels:

On June 13, 1991, at 4:30 P.M., an Environmental Protection Agency (EPA) inspection was conducted at a salt water disposal facility in Section 18, Township 3 South, Range 6 West, Duchesne County, with exact location, well name and operator unknown to the inspectors at the time, due to lack of information at the lease site. At a later date, this facility was found to belong to Held By Production, Inc. of Roosevelt, Utah, and located in the NW/4, NW/4, Section 18, Township 3 South, Range 6 West, and known as the Caloil Ute Tribal #1-A SWD well of Cedar Rim Field.

Please be advised that during the recent inspection of your facility that the following apparent deficiencies were noted:

- (1) Housekeeping practices around and in the pumping facilities were in very poor condition with mud and oil seeping into and around the pumping station with maintenance of equipment questionable.
- (2) Sampling valve leaking (running) produced water out on the ground and into a pit.
- (3) The pit area needs to be cleaned up and the oil skimmed off, or it could result in unnecessary pollution.
- (4) Well identification sign missing.
- (5) We were unable to determine the presence of gauges, a recording device, or meter for volume injected.

Mr. Marc T. Eckels
Held By Production, Inc.
Notice of Noncompliance
Page 2

The EPA has no direct authority for the first four items, however, a copy of this letter is being sent to the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, for their information.

A current review of the above captioned salt water disposal well compliance file reveals three (3) other areas of non-compliance of which are particular concern to the EPA:

- (6) An approved Plugging and Abandonment Plan, EPA Form 7520-14, per 40 CFR 144.28 (c), is not on file for the Caloil Ute Tribal #1-A.
- (7) Last indicated mechanical integrity test was run July 21, 1983. The owner or operator shall demonstrate mechanical integrity once every five (5) years during the life of the injection well.
- (8) As an owner/operator of a Class II injection well, governed by the Underground Injection Control (UIC) Program on lands within the exterior boundary of the Uintah-Ouray Indian Reservation of Utah, you are required to maintain financial responsibility and resources to close, plug, and abandon this well. Your financial responsibility is presently not on file with this agency.

To bring this well into compliance, please provide the following within the specified time frame:

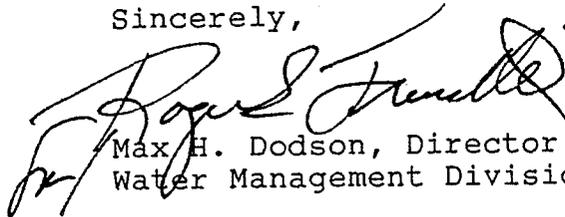
- (1) A Plugging and Abandonment Plan with narrative, EPA Form 7520-14 (enclosed).
- (2) A Financial Responsibility (FR) demonstration. Sample and FR guidance enclosed.
- (3) Contact this office to arrange an Mechanical Integrity Test (MIT), possibly the week of July 29, 1991, as Mr. Williams and Mr. Tinsley will be in the area to witness other MIT's.
- (4) Provide information to this office on your monitoring procedures (pressures and volume).

Continued noncompliance with these requirements constitutes a violation of the UIC program and the Safe Drinking Water Act (SWDA) and is grounds for enforcement action, including civil penalties. Please provide the required information, as described above, within twenty-one (21) days of receipt of this letter.

Mr. Marc T. Eckels
Held By Production
Noncompliance
Page 3

Please direct all correspondence, forms and reports to Chuck Williams at the above letterhead address (MAIL CODE 8WM-DW) or telephone Chuck at (303) 293-1550 if you should have further questions.

Sincerely,



Max H. Dodson, Director
Water Management Division

Enclosures:

cc: Ferron Secakuku
Ute Indian Tribe

Charles Cameron
Bureau of Indian Affairs

Jerry Kenska
Bureau of Land Management

Gilbert Hunt
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining

Held By Production, Inc.

Marc T. Eckels

P. O. Box 306
Roosevelt, Utah 84066

Office (801) 722-2546
FAX (801) 722-2567

August 21, 1991

RECEIVED

AUG 22 1991

Mr. C. E. Williams
US Environmental Protection Agency Region VIII
UIC Section, Mail Code 8WM-DW
999 18th Street, Suite 500
Denver, Colorado 80202-2405

DIVISION OF
OIL GAS & MINING

RE: Notice of Noncompliance for Ute Tribal #1 SWDW, dated 7-22-91

To follow up on the meeting in Vernal on August 2, 1991, at which the above-referenced matter was discussed please be advised of the following:

- 1) Your visit to the well took place after we had a small spill and before we had cleaned it up. The well is now quite presentable, and a check with Dan Jarvis of the DOG&M indicated that it had been in very satisfactory condition upon his last inspection.
- 2) Leaking valve was repaired.
- 3) The pit is periodically hot oiled to recover any oil and that oil is salvaged for sale. This has been done on a routine basis since your visit. There is no evidence of a pollution problem from this pit.
- 4) A new well sign has been ordered and should be installed by 8-23-91.
- 5) Despite your failure to recognize it, this well is equipped with a state-of-the-art monitoring system consisting of tank level sensors, flow meter, injection pressure recorder, casing pressure recorder, radio-telemetry, remote computer terminal unit & an alarm system that calls ten phone numbers in the event that any of the measured parameters fails to fall in the desired range. This system works on a continuous basis and records the data every twenty minutes on the master terminal unit in my office. There are visual readouts at the well site, although you will need instructions to use them. As we discussed, keeping the mechanical gauges and meters you mention calibrated and working properly is a difficult and expensive proposition. I will install the minimum equipment that you require, but it would make more sense to use our computer monitoring system at the office, which you may do anytime you like.

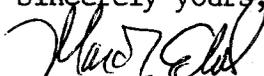
As your letter points out, the EPA has no direct authority for the first four items mentioned, so I am not sure why you mentioned them. I am proud of the operation that we practice at this well and invite anyone from any of the agencies to which you sent copies of your letter to visit the well at any time. As for item number 5, our system exceeds your requirements and I would be more than happy to provide you with a hard copy of the required data for any day

you like.

- 6) The Plugging and Abandonment Plan is attached along with a schematic diagram of the well.
- 7) The last casing mechanical integrity test of this well was performed not in 1983, but on January 8, 1990. A letter from the Utah DOG&M describing this successful test and the result was attached to my Annual Disposal Well Monitoring Report with a cover letter to your attention on February 25, 1991. A copy is attached for your information.
- 8) As we discussed, we have both a State bond and a Federal bond covering this well. As a closely held private corporation we will not provide a financial statement, although we do meet all of the other criteria: we have a history of plugging wells properly; we operate fields with remaining economic lives far in excess of five years; we have been in business for more than five years; we operate wells in five states; we operate in excess of 600 wells; and the cost of plugging this well is not large (in fact, would be more than covered by the equipment salvage value). I would very much like more time to explore other options for satisfying the Financial Responsibility Requirement and hereby request an additional 90 days.

I hope that this letter and the attachments take care of your concerns. Please advise me of your approval of the P & A Plan and the Financial Responsibility Requirement status.

Sincerely yours,



Marc T. Eckels

cc: Ferron Secakuku
Ute Indian Tribe

Charles Cameron
Bureau of Indian Affairs

Jerry Kenczka
Bureau of Land Management

Gilbert Hunt
Utah Division of Oil, Gas & Mining



PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
Held By Production, Inc. Ute Tribal #1 SWDW
Duchesne County, Utah

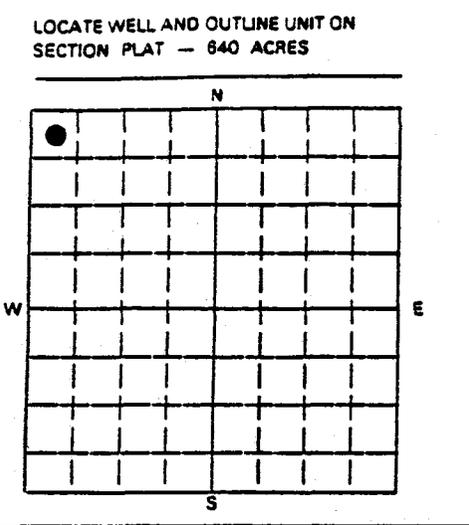
NAME AND ADDRESS OF OWNER, OPERATOR
Held By Production, Inc.
P. O. Box 306
Roosevelt, Utah 84066

STATE: UT COUNTY: Duchesne PERMIT NUMBER: UTO 2555

SURFACE LOCATION DESCRIPTION
C 1/4 OF 1/4 OF 1/4 OF 1/4 SECTION 18 TOWNSHIP 3S RANGE 6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 664 ft. from (N/S) N Line of quarter section
and 617 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rul.
Number of Wells 1
Lease Name no lease
WELL ACTIVITY
 CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III
Well Number Ute Tribal #1



CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
10-3/4"	40.5	---	837'	15"
7"	26# & 29#	---	5207'	9"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- The Balance Method
- The Dump Bailer Method
- The Two-Plug Method
- Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	7"	7"					
Depth to Bottom of Tubing or Drill Pipe (ft.)	4415'	100'					
Sacks of Cement To Be Used (each plug)	39	17.5					
Slurry Volume To Be Pumped (cu. ft.)	47	21					
Calculated Top of Plug (ft.)	4190'	Surface					
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.6	15.6					
Type Cement or Other Material (Class III)	"A"	"A"					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
4290'-4310'			
4330'-4440'			

Estimated Cost to Plug Wells

\$6,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)
Marc T. Eckels, Operations Manager

SIGNATURE
Marc T. Eckels

DATE SIGNED
8-16-91

Held By Production, Inc.

Marc T. Eckels

P. O. Box 306
Roosevelt, Utah 84066

Office (801) 722-2546
FAX (801) 722-2567

October 1, 1992

Dan Jarvis - UIC Program
Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Inspection Notice for HBP's Ute #1 SWDW, dated 9-10-92

Dear Mr. Jarvis:

Please be advised that we repaired the valve and hose at our SWDW so that water is no longer running out after a truck unloads at the facility. We have also re-graded the berms and put all soil showing evidence of salty water exposure inside the berms. The fluid level in the pit has been lowered and will be kept down.

We are not yet certain whether the damp soil observed near the steam generator is from the pit or the tank. We are in the process of making a determination which will result in either a liner for the pit or a repaired tank bottom, as appropriate.

Sincerely yours,


Marc T. Eckels

15 RE
402

RECEIVED

OCT 05 1992

DIVISION OF
OIL, GAS & MINING

UTAH DIVISION OF OIL, GAS AND MINING



Underground Injection Control Program

**** NOTICE ****

Date: September 10, 1992

To: Held By Production

From: Utah Division of Oil, Gas and Mining
UIC Program

Please be advised that an inspection of your facility was made on September 2, 1992. The following problems were found at the time of inspection.

Water was leaking from the load in hose and from the pump house. This water was being diverted into two small ditches and into the emergency pit. It was observed that the pit was also leaking. Additionally brine water was spilled on the road near the load in hose.

It is requested that the general housekeeping of the facility be improved, the leaks rectified immediately and additionally a plan of closure or remediation for the pit be submitted within 30 days.

Please call the UIC staff at (801) 538-5340 if you have questions or need clarification.



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

DJJ 43-013-15122

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

355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203
 801-538-5340
 801-359-3940 (Fax)
 801-538-5319 (TDD)

May 3, 1993

Marc Eckels
 Production Superintendent
 Held By Production, Inc.
 P.O. Box 306
 Roosevelt, Utah 84066

Dear Mr. Eckels:

Re: Ute 1-A Salt Water Disposal Well Located in Section 18, Township 3 South, Range 6 West, Duchesne County, Utah

A routine inspection of your facility was conducted on April 8, 1993. At the time of this inspection, a number of maintenance/environmental problems were noted. The general housekeeping of the facility is quite poor. The area around the load-out hose is covered with salt crust where salt water has been repeatedly spilled. The lower valve on the front water tank has a continuous leak which flows across the location and into the emergency pit. Water is running out from underneath the back tank and flows into an entrenchment behind the tanks. This trench is nearly full and is perched precariously above a major wash which runs through the field. The emergency pit still appears to be leaking and is covered with hydrocarbons.

Held By Production, Inc., as operator of the above referenced facility needs to address these problems. Please submit within 30 days of receipt of this letter, to the Division, a plan including time schedule for cleanup and repair of the facility.

The plan shall include the following. Repair or replacement of leaking valves and tanks. The trench behind the tanks should be pumped dry and filled in. The area around the load out should be cleaned up and secured so that any future spills will be contained. The berm around the tanks should be repaired and constructed to contain the volume of the largest tank should a spill occur.

The emergency pit is to be used for temporary storage of fluids during a malfunction of equipment. Onsite pits, such as this one, need to be located and lined in accordance with the enclosed guidance document. The pit at this location should be upgraded to meet these requirements.



Page 2
Mr. Marc Eckels
May 3, 1993

We appreciate your cooperation and attention to these matters. If you have questions or would like to discuss your plans for this disposal facility, please call Dan Jarvis or me, at (801)538-5340.

Sincerely,



Gil Hunt
UIC Manager

ldc
Enclosure
cc: R.J. Firth
WUI139



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

GLH

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 3, 1993

Marc Eckels
Production Superintendent
Held By Production, Inc.
P.O. Box 306
Roosevelt, Utah 84066

Dear Mr. Eckels:

Re: Ute 1-A Salt Water Disposal Well Located in Section 18, Township 3 South, Range 6 West, Duchesne County, Utah

A routine inspection of your facility was conducted on April 8, 1993. At the time of this inspection, a number of maintenance/environmental problems were noted. The general housekeeping of the facility is quite poor. The area around the load-out hose is covered with salt crust where salt water has been repeatedly spilled. The lower valve on the front water tank has a continuous leak which flows across the location and into the emergency pit. Water is running out from underneath the back tank and flows into an entrenchment behind the tanks. This trench is nearly full and is perched precariously above a major wash which runs through the field. The emergency pit still appears to be leaking and is covered with hydrocarbons.

Held By Production, Inc., as operator of the above referenced facility needs to address these problems. Please submit within 30 days of receipt of this letter, to the Division, a plan including time schedule for cleanup and repair of the facility.

The plan shall include the following. Repair or replacement of leaking valves and tanks. The trench behind the tanks should be pumped dry and filled in. The area around the load out should be cleaned up and secured so that any future spills will be contained. The berm around the tanks should be repaired and constructed to contain the volume of the largest tank should a spill occur.

The emergency pit is to be used for temporary storage of fluids during a malfunction of equipment. Onsite pits, such as this one, need to be located and lined in accordance with the enclosed guidance document. The pit at this location should be upgraded to meet these requirements.



Page 2
Mr. Marc Eckels
May 3, 1993

We appreciate your cooperation and attention to these matters. If you have questions or would like to discuss your plans for this disposal facility, please call Dan Jarvis or me, at (801)538-5340.

Sincerely,



Gil Hunt
UIC Manager

ldc
Enclosure
cc: R.J. Firth
WUI139

FAX MEMO

6-3-93

To: Gil Hunt & Dan Jarvis, Utah DOG&M
From: Marc Eckels, Held By Production, Inc., Roosevelt

Re: Ute #1 SWDW Cleanup/Repair, Sec. 18-T3S-R6W, Duchesne County

Dear Gil & Dan:

We have taken the following actions in response to your letter dated 5-3-93, concerning conditions at our Ute #1 Salt Water Disposal Well.

1. The trench, which was dug last fall in an attempt to identify the source of the wet spot in the bank adjacent to the steam generator, has been backfilled.
2. All leaky valves have been replaced.
3. Both 400 bbl tanks have been cleaned out and inspected. The north (pump) tank was found to be leaking through a broken weld at the point where the steam line passes through the tank wall. This leak was repaired. There were no other leaks found and the floors are in good condition.
4. The berms have been reconstructed so as to direct a spill to the pit, which is capable of holding the contents of both tanks when combined with the bermed area.
5. The area has been cleaned up generally.
6. Due to a major expansion of our pipeline system and change in policy regarding the use of this facility by trucks, there should be minimal water truck activity from now on. Several of our problems (berm damage, leaky valves, spills at the end of the load hose) have been largely the result of water truck operations, so we expect that minimizing truck traffic will be a big help.

The Pit

Although we have no objection to either lining the pit or installing a pit tank I am not sure that the pit is leaking. The wet spots near the steam generator are much closer to the tanks and were likely caused by the leak in the north tank. I would like to meet one of you in the field during the next few weeks to examine the situation, after which meeting we will take whatever action is indicated with regard to the pit.

We appreciate your patience in this matter. As you know, we have spent heavily to expand our pipeline system and automate our entire disposal system during the past year. We intend to run a first class operation and hope that you agree that what has been done to date in combination with what will be done with regard to the pit will return us to that status.

MONTHLY INJECTION REPORT - UIC FORM 3

Held by Production (operating in progress)

OPERATOR NORTH PLAINS CORP.
ADDRESS P. O. BOX 306
ROOSEVELT, UTAH 84066

OPERATIONS MONTH/YR 4/96

CORRECTED REPORT []

Well name and number: UTE TRIBAL #1

Field or Unit name: CEDAR RIM API no. 43-013-15122

Well location: 00 NWN section 18 township 3S range 6W county DUCHESNE

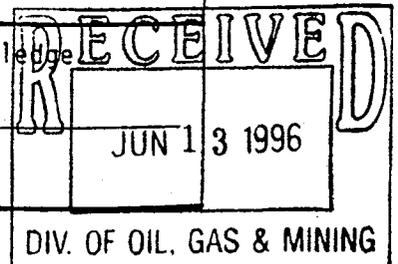
Date	Volume Disposed	Hours In Service	Maximum Pressure	Average Operating Pres.	Tubing/Casing Annulus Pres.
1	2018	13	600	350	0
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

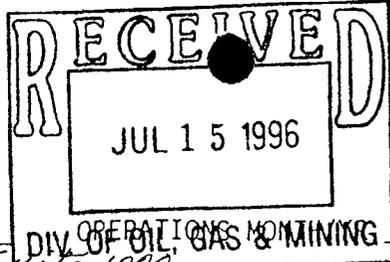
Total volume injected for month 60,540
All time cumulative volume injected 12,458,258

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

Name MARC T. ECKELS
Title OPERATIONS MANAGER
Phone No. (801) 722-2546

Signature Marc T. Eckels
Date 6-11-96





MONTHLY INJECTION REPORT - UIC FORM 3

OPERATOR Barrett Resources Corp
 ADDRESS 1515 Arapahoe, Tower 3, Suite 1000
Denver, CO 80202

CORRECTED REPORT []

Well name and number: Ute Tribal #1
 Field or Unit name: Cedar Rim API no. 43-013-15122
 Well location: QQ NWNW section 18 township 35 range 6W county Duchesne

Date	Volume Disposed	Hours In Service	Maximum Pressure	Average Operating Pres.	Tubing/Casing Annulus Pres.
1	1999	12	600	350	∅
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	<u>X 960716</u> <u>Held by Prod</u>				
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Total volume injected for month 61969
 All time cumulative volume injected 13,520,227

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

Name Pat Salwerowicz Signature Pat Salwerowicz
 Title Production Analyst Date 7/10/96
 Phone No. (303) 606-4348

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Ute Tribal #1 (despite the name, this is not a tribal well)
Field or Unit name: Cedar Rim API no. 43-013-15122
Well location: QQ nwnw section 18 township 3S range 6W county Duchesne
Effective Date of Transfer: May 14, 1996

CURRENT OPERATOR

Transfer approved by:

Name Marc T. Eckels Company Held By Production, Inc.
Signature [Signature] Address P. O. Box 306
Title Operations Manager Roosevelt, UT 84066
Date 9-5-96 Phone (801) 722-2546

Comments: This disposal well was sold effective 1-31-96 to North Plains Corp., along with most of the production at Cedar Rim. North Plains Corp. then sold it to Barrett Resources Corp. Form 5 was not filed for the first transaction & Leisha said that we could transfer from HBP to Barrett.

NEW OPERATOR

Transfer approved by:

Name Greg Davis Company Barrett Resources Corporation
Signature [Signature] Address 1515 Arapahoe St Tower 3 Suite 1000
Title Production Services Supervisor Denver CO 80202
Date September 9, 1996 Phone (303) 606-4071

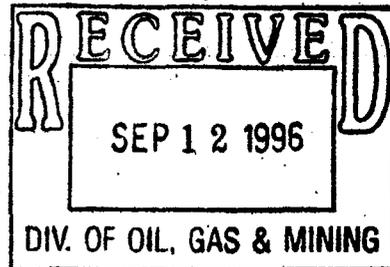
Comments:

(State use only)

Transfer approved by [Signature] Title Environ. Manager

Approval Date 10-30-96 Well due for mechanical integrity test

*961031 Copies mailed to operators!
Le



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION & SERIAL NO. Fee</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Class II Injection Well</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---</p>
<p>2. NAME OF OPERATOR Held By Production, Inc.</p>		<p>7. UNIT AGREEMENT NAME ---</p>
<p>3. ADDRESS OF OPERATOR P. O. Box 306, Roosevelt, UT 84066</p>		<p>8. FARM OR LEASE NAME Cedar Rim</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 664' FNL & 617' FWL At proposed prod. zone same</p>		<p>9. WELL NO. Ute Tribal #1 SWDW</p>
<p>14. API NO. 43-013-15122</p>		<p>10. FIELD AND POOL, OR WILDCAT ---</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,248' GR</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA nw nw Sec. 18-T3S-R6W</p>
<p>12. COUNTY Duchesne</p>		<p>13. STATE UT</p>

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

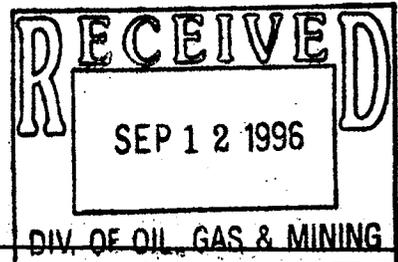
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION <u>5-14-96</u>	

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

* Must be accompanied by a cement verification report.

On 1-31-96, Held By Production, Inc., sold all of its interests in oil & gas wells and this salt water disposal well to North Plains Corp. of Denver, CO. On May 14, 1996, North Plains Corp. sold all of its interests purchased from HBP to Barrett Resources Corporation, also of Denver. Due to the time involved in bond changes the transfer of operatorship from HBP to NPC was not recorded with a Sundry Notice or UIC Form 5 before NPC transferred operatorship to BRC.

Held By Production, Inc., hereby resigns as operator of the subject Class II injection well in favor of Barrett Resources Corporation, effective retroactively to May 14, 1996.



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

SIGNED [Signature] TITLE Operations Manager DATE 9-5-96

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File UTE TRIBAL 1-A
(Location) Sec 18 Twp 3S Rng 6W
(API No.) 43-013-15122

Suspense
(Return Date) _____
(To - Initials) _____

Other

1. Date of Phone Call: 10-30-96 Time: 11:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call
Talked to:

Name CHARLIE CAMERON (Initiated Call - Phone No. (801) 722-4300

of (Company/Organization) BIA/UINTAH OURAY

3. Topic of Conversation: BONDING FOR THE ABOVE WELL; OPERATORSHIP?

4. Highlights of Conversation:

WELL ORIG. DRILLED ON MINERAL LEASE 14-20-H62-1119. LEASE EXP. 75' & WELL CONV.
TO WDW. A NEW MINERAL LEASE HAS BEEN ISSUED TO BENNETT E&P AND BARRETT RES. IS
TRYING TO PICK UP THAT LEASE FROM THEM AT PRESENT TIME. THE SURFACE OWNER IS
FEE AND THIS WDW APPLIES TO THAT LEASE AS PER BLM/BIA. THEREFORE DOGM SHOULD
CONSIDER THE LEASE FEE & SECURE BOND COVERAGE FOR THE WELL. IF THE WELL WERE
TO RECOMPLETE & CONVERT TO A PRODUCING OIL OR GAS WELL THEN IT WOULD APPLY TO
THE INDIAN LEASE.

OPERATOR CHANGE WORKSHEET

Routing	
1- LEK	6- LBC
2- GLH	7-KDR
3- DPS	8-SJ
4-VLD	9-FILE
5-RJF	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-14-96

TO: (new operator) <u>BARRETT RESOURCES CORP.</u>	FROM: (old operator) <u>HELD BY PRODUCTION INC</u>
(address) <u>1515 ARAPAHOE ST T3 #1000</u>	(address) <u>PO BOX 306</u>
<u>DENVER CO 80202</u>	<u>ROOSEVELT UT 84066</u>
<u>GREG DAVIS</u>	<u>MARC ECKELS</u>
Phone: <u>(303)606-4071</u>	Phone: <u>(801)722-2546</u>
Account no. <u>N9305</u>	Account no. <u>N7280</u>
<u>N3435</u>	<u>*NORTH PLAINS CORP.</u>
<u>PO BOX 306</u>	<u>ROOSEVELT UT 84066</u>
<u>(801)722-2546</u>	<u>(HBP TO NORTH PLAINS 1-31-96 TO BARRETT 5-14-96)</u>

WELL(S) attach additional page if needed: *WDW

Name: <u>UTE #1-A/GRRV</u>	API: <u>43-013-15122</u>	Entity: <u>99996</u>	S <u>18</u>	T <u>3S</u>	R <u>6W</u>	Lease: <u>FEE</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 9-12-96)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 9-12-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *# See phone obs. dated 10-30-96.*
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(10-31-96)*
- lec 6. Cardex file has been updated for each well listed above. *(10-31-96)*
- lec 7. Well file labels have been updated for each well listed above. *(10-31-96)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-31-96)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) _____. If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) # 5865241 (\$80,000) Surety "Safe Co. Ins. Co. of America".

- Lee 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operator's bond files. ** upon compl. of routing.*
- Lee 3. The FORMER operator has requested a release of liability from their bond (yes/no) (no) _____, as of today's date Oct. 30, 1996 _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding. *PCS 11/6/96*

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 12-30-96 _____.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS



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

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

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

May 20, 1997

TO: Gil Hunt
FROM: Dan Jarvis
RE: Barrett Resources Corp.

On May 18, 1997 a field inspection was conducted at the following two properties operated by Barrett Resources Corp.

The Ute 1-A SWD located in Section 18, Township 3 South, Range 6 West and the Altamont SWD #1 well located in Section 24, Township 3 South, Range 6 West. At the time of these inspections a number of maintenance/environmental problems were noted at both locations.

At the Ute 1-A the pit is still unlined and is three-quarters full of crude oil and what appears to be tank bottoms. The pit is located on the edge of location above Rabbit Gulch which runs directly into Starvation Reservoir. General housekeeping is poor and the entire location is in need of dike repair and cleanup.

At the Altamont SWD #1 location the well sign indicates that Medallion is the operator, however monthly reports show Barrett Resources to be reporting. General housekeeping is poor. Salt water has been spilled around the loadouts and crude oil is on the ground near the well head.

Dennis Ingram conducted an operator review of Barrett Resources properties on May 9, 1997. The following wells were again found to have environmental problems:

The Cedar Rim 2A located in Section 20, Township 3 South, Range 6 West has an unlined pit with 2-3 feet of production water with crude oil on top. This pit also hangs out over Rabbit Gulch.

The Cedar Rim 6A located in Section 21, Township 3 South, Range 6 West. The surface is DWR and the minerals are owned by the Ute Indian Tribe. The pit has approximately 6 inches of freeboard and is full of water and oil. Dennis reports that water is bubbling up through the pit.

The Cedar Rim 8A located in Section 22, Township 3 South, Range 6 West has a pit tank, however there is 1½ to 2 feet of foul smelling water around the tank so he is unsure as to the integrity of the tank.



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

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

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

June 3, 1997

CERTIFIED MAIL
P 074 977 785

Barrett Resources Corporation
P.O. Box 290
Neola, Utah 84053

Re: Oil and Gas Operating Inspections at Properties Operated by Barrett Resources Corp.

Gentlemen:

On May 18 and 19, 1997 a field inspection was conducted at the following properties operated by Barrett Resources Corporation:

Ute 1-A SWD, Section 18, Township 3 South, Range 6 West
Cedar Rim 2A, Section 20, Township 3 South, Range 6 West
Cedar Rim 6A, Section 21, Township 3 South, Range 6 West
Cedar Rim 8A, Section 22, Township 3 South, Range 6 West

A number of maintenance/environmental problems were noted at these facilities. The specific deficiencies at each of the facilities are detailed below.

At the Ute 1A the emergency pit is still unlined and is three-quarters full of crude oil and what appears to be tank bottoms. The pit is located on the edge of location above Rabbit Gulch which runs directly into Starvation Reservoir. Additionally general housekeeping is poor, salt water has been spilled around the loadouts and the entire location is in need of dike repair.

At the Cedar Rim 2A the emergency pit is unlined with 2-3 feet of production water with crude oil on top. This pit also is near Rabbit Gulch.

At the Cedar Rim 6A the emergency pit is unlined and full of production water and crude oil. Water is bubbling up in the middle of the pit indicating that additional water is being added to the pit. The surface is owned by the Utah Division of Wildlife Resources.

Page 2

Barrett Resources Corporation

June 3, 1997

At the Cedar Rim 8A a pit tank has been installed, however there is a 1½ to 2 feet of water around the tank and it is unclear if this is runoff or that the tank is leaking. The origin of this water must be determined and corrective action taken if appropriate.

Barrett Resources Corporation as operator of the above properties is subject to operate in accordance with the Oil and Gas Conservation General Rules. The listed deficiencies are in violation of R649-3-15. Pollution and Surface Damage Control and R649-3-16 Reserve Pits and other Onsite Pits. The Division requests that Barrett Resources Corporation respond with a time schedule of remediation within 15 working days of receipt of this letter. A plan to follow should outline a closure procedure for all of the unlined pits, a method for either treating or removing contaminated soils, installing pit tanks or upgrading pits and improving the general housekeeping at each facility.

If you have any questions or would like to meet to discuss this matter please feel free to call Dan Jarvis at (801)538-5338 or myself at (801)538-5297.

Sincerely,

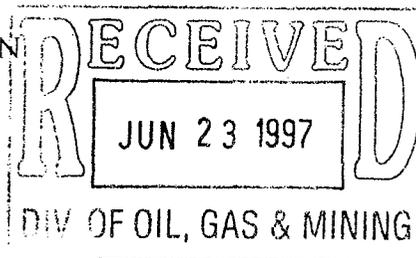


Gil Hunt
Environmental Manager, Oil and Gas

lwp

cc: Dennis Ingram
Jack Lytle, DWR Vernal

BARRETT RESOURCES CORPORATION



June 17, 1997

State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
Box 145801
Salt Lake City, Utah 84114-5801

Re: Clean up plan of listed properties operated by Barrett Resources Corp.

Attn: Mr. Gil Hunt

In reference to your letter dated June 3, 1997. The following plan for clean up is respectfully submitted.

→ Ute 1-A SWD, Section 18, Township 3 South, Range 6 West 43-013-15122
The crude oil and contaminated soil will be removed from the emergency pit and hauled to a certified disposal site. The pit will then be back filled with clean soil. The location in general will be cleaned up and the tank berms will be rebuilt.

Cedar Rim 2A, Section 20, Township 3 South, Range 6 West 43-013-31172
The crude oil, production water, and contaminated soil will be removed from the emergency pit and hauled to a certified disposal site. A welded steel 100 bbl tank will then be installed for an emergency pit tank. A tank berm will be built around the emergency pit tank.

Cedar Rim 6A, Section 21, Township 3 South, Range 6 West 43-013-31162
The bubbling in the middle of the pit was gas leaking from a partially opened drain valve on the heater/treater. The valve has been completely closed eliminating the gas leak and the heater/treater has been de-pressurized. The crude oil, production water, and contaminated soil will be removed from the emergency pit and hauled to a certified disposal site. The pit will then be back filled with clean soil.

Cedar Rim 8a, Section 22, Township 3 South, Range 6 West 43-013-31171
The water around the pit tank is due to rain water. The water will be removed and the depression will be back filled with soil. A tank berm will be built around the emergency pit tank.

The work schedule to clean up these locations will be started immediately. The clean up will be completed by August 17, 1997. If you have any questions please call me at 801-353-4625.

Sincerely

A handwritten signature in cursive script that reads "Gene Martin".

Gene Martin
Production Foreman

cc: DP Barone

INJECTION WELL - PRESSURE TEST

Well Name: <u>UTE #1-A</u>	API Number: <u>43-013-15122</u>
Qtr/Qtr: <u>NW/NW</u>	Section: <u>18</u>
Township: <u>35</u>	Range: <u>6W</u>
Company Name: <u>COASTAL OIL & GAS CORPORATION</u>	
Lease: State _____	Fee <u>✓</u>
Federal _____	Indian _____
Inspector: <u>Dennis L. Jones</u>	Date: <u>02-03-2000</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 250 psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>640</u>	<u>250</u>
5	<u>635</u>	<u>200</u>
10	<u>635</u>	<u>200</u>
15	<u>630</u>	<u>200</u>
20	<u>625</u>	<u>200</u>
25	<u>625</u>	<u>200</u>
30	<u>625</u>	<u>200</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 200 psiCasing/Tubing Annulus Pressure: 625 psi

COMMENTS: TESTED @ 1:30 Pm. Inject INTO WELL @
BEGINNING & END OF TEST. Small Dip in Bushing
to start But REPAIR & it STOPPED

Felix M. Miller
 Operator Representative

Mechanical Integrity Test Casing or Annulus Pressure Test

RECEIVED
MAY 10 2000
DIVISION OF
OIL, GAS AND MINING

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: Not Present Date 2 / 3 / 00 Time 10:00 am am/pm

Test conducted by: Dennis Ingram UTDGDM

Others present: Bill McGaughey/Rocky Meacham

Well: Ute #1	Well ID: On File
Field: Altamont	Company: Coastal Oil & Gas Corporation
Well Location: NWNW Sec.18,T3S,R6W	Address: P.O. Box 1148 Vernal, Utah 84078

Time	Test #1	Test #2	Test #3
0 min	<u>640</u> psig	_____ psig	_____ psig
5	<u>635</u>	_____	_____
10	<u>635</u>	_____	_____
15	<u>630</u>	_____	_____
20	<u>625</u>	_____	_____
25	<u>625</u>	_____ +	_____
30 min	<u>625</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>200</u> psig	_____ psig	_____ psig

Result Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: Contacted Jafari Bahramon on 2/2/00

See back of page for any additional comments & compliance followup.



February 14, 2000

RECEIVED

FEB 15 2000

DIVISION OF
OIL, GAS AND MINING

RECEIVED

FEB 15 2000

DIVISION OF
OIL, GAS AND MINING

VIA FAX & MAIL

Mr. Dan Jackson
US Environmental Protection Agency
UIC Implementation Section 8ENF-T
999 18th Street Suite #500
Denver, Colorado 80202-2405

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite #1210
Salt Lake City, Utah 84114

TEW #1-9B5
SENE Sec.9,T9S,R5W
EPA No. UT2722-03788
Altamont Field
Duchesne County, Utah

Allred #2-16A3
NENE Sec.16,T1S,R3W
EPA No. UT2651
Altamont Field
Duchesne County, Utah

Ute #1
NWNW Sec.18,T3S,R6W
EPA No. On File
Altamont Field
Duchesne County, Utah

Lindsay Russell #2-32B4
NENE Sec.32,T2S,R4W
EPA No.UT2658-02558
Altamont Field
Duchesne County, Utah

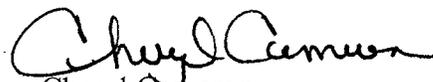
Attention Dan Jackson & Dan Jarvis:

Please find attached the MIT Annulus Pressure Monitoring results for the above referenced well.

Coastal Oil & Gas Corporation believes that the wells are performing normally and require no further work to remain functionally sound and Coastal intends to continue current injection activity.

Please review the attached monitoring results and provide us with your comments ASAP. If you have any questions, please do not hesitate to call me @ (435)-781-7023.

Sincerely,


Cheryl Cameron
Environmental Analyst

Attachments

CC: Bill McGaughey

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • PO BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

1-1D6

6. Indian, Allottee or Tribe Name:

Ute Tribe

7. Unit Agreement Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL GAS OTHER:

RECEIVED

8. Well Name and Number:

Ute #1-SWD

2. Name of Operator

APR 10 2000

9. API Well Number:

Coastal Oil & Gas Corporation

430131512200

3. Address and Telephone Number.

**DIVISION OF
OIL, GAS AND MINING
(435)-781-7048**

10. Field and Pool, or Wildcat

P.O. Box 1148, Vernal, Utah 84078

Cedar Rim/Altamont

4. Location of Well

Footages:

County: Duchesne

QQ,Sec., T., R., M.: NW/NW Sec. 18, T3S, R6W

State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Spill |

Approximate date work will start _____

Date of work completion 3/26/2000

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

At approximately 2:30 P.M., March 26, 2000, an overflow of water from the SWD tanks was discovered. The release was reported to the BIA, the Tribe, the BLM, and the state of Utah, DOGM. Approximately 1,000 barrels overflowed, with approximately 800 barrels remaining contained within the berm and approximately 200 barrels overflowing and running south across the lease road and into the ditch. Six (6) vacuum trucks were dispatched to the site, and approximately 800 barrels of water were recovered and properly disposed of. The electrical short in the panel box which caused the disposal pumps to cease functioning resulting in the overflow was repaired at approximately 3:30 P.M.

13.

Name & Signature

Deborah A. Harris

Deborah A. Harris, PG

Title

Sr. Environmental Coordinator

Date 3/31/00

(This space for State use only)



Coastal
The Energy People

April 25, 2000

Mr. Bahram Jafari
8ENF-T
U. S. EPA
Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2466

Re: Well: Ute # 1
Well ID: UT 2678-02555
Field: Altamont

43-013-15122
Sec. 18, 35, 60W

Dear Mr. Jafari:

Per conditions described in the permit identified above, please find results for the mechanical integrity test (MIT) recently performed on the above referenced well. As data enclosed indicates, this well attained a "pass" performance for the MIT.

If you have questions, you may contact me at (435)781-7048.

Sincerely,

Deborah A. Harris, PG
Environmental Geologist

Cc: [REDACTED]
Bill McGaughey
BLM-Vernal
WF-Vernal

RECEIVED

APR 28 2000

DIVISION OF
OIL, GAS AND MINING

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

Cecil Conrath

EPA Witness: Nathan Wiser, Bahar Jafari Date 4/18/00 Time 3:00 am/pm

Test conducted by: Dwayne Davis

Others present: Dale Christensen, Bill McLaughery, Dallas Jensen, Andy Jones

Well: <u>Ute #1</u>	Well ID: <u>UT 2678-02555</u>
Field: <u>Utahmont</u>	Company: <u>Coastal Oil & Gas Corporation</u>
Well Location: <u>NW/NW Sec 18, T35, R6W</u>	Address: <u>P.O. BOX 1148 Vernal, Utah 84078</u>

Time	Test #1	Test #2	Test #3
3:05 pm 0 min	<u>1030 (1020-1040) psig</u>	_____ psig	_____ psig
5	<u>1030</u>	_____	_____
10	<u>1020</u>	_____	_____
15	<u>1020</u>	_____	_____
20	<u>1020</u>	_____	_____
25	<u>1020</u>	_____	_____
30 min	<u>1020</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____

RECEIVED

APR 26 2000

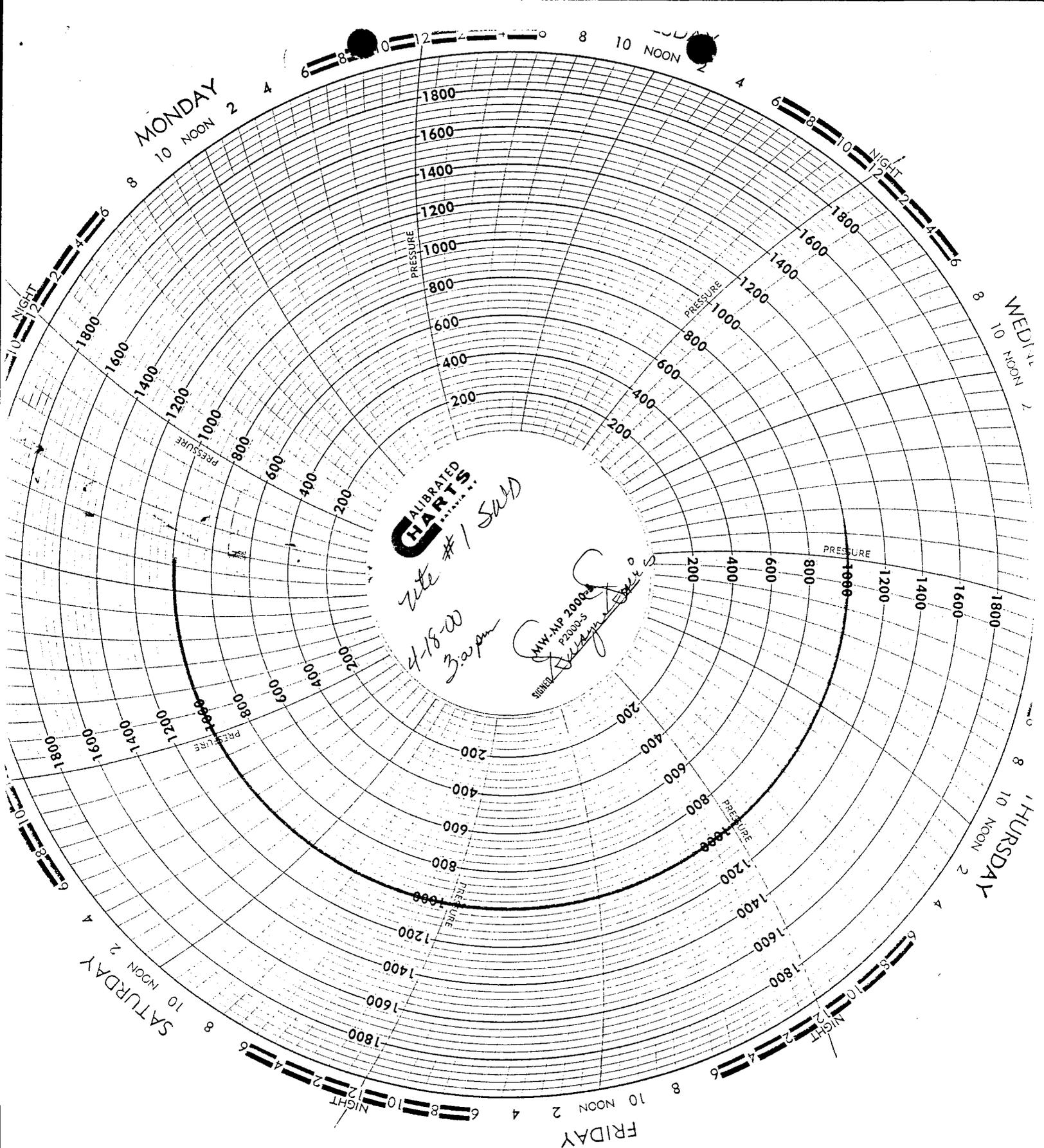
DIVISION OF
OIL, GAS AND MINING

Tubing press 410 Start psig _____ psig _____ psig
410 End psig

Result Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: Nathan M Wiser

See back of page for any additional comments & compliance followup.



RECEIVED

APR 26 2000

DIVISION OF
OIL, GAS AND MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____
2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company
3. ADDRESS OF OPERATOR:
68 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE: _____ COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</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.
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation
John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01
NAME (PLEASE PRINT) El Paso Production Oil & Gas Company
John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>EXHIBIT "A"</u>	API Number
Location of Well Footage : _____ County : _____	Field or Unit Name
QQ, Section, Township, Range: _____ State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 03-09-01

CURRENT OPERATOR

Company: Coastal Oil & Gas Corporation
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: 435-789-4433

Name: John T. Elzner
Signature: [Signature]
Title: Vice President
Date: 06-15-01

Comments: As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.
See EXHIBIT "A"

NEW OPERATOR

Company: El Paso Production Oil & Gas Company
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: 435-789-4433

Name: John T. Elzner
Signature: [Signature]
Title: Vice President
Date: 06-15-01

Comments: NAME CHANGE

Bond Number 400JU0708

(This space for State use only)

Transfer approved by: [Signature]
Title: Tech. Services Manager

Approval Date: 6-21-01

Comments: Exhibit A AS REVISED.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



0610204 8100

010162788

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "COASTAL OIL & GAS CORPORATION", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "EL PASO PRODUCTION OIL & GAS COMPANY", THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8320

AUTHENTICATION: 1103213

010202983

DATE: 04-27-01

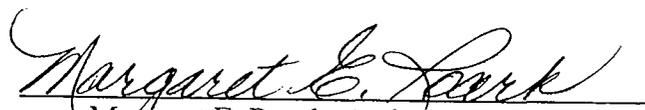
EL PASO PRODUCTION OIL & GAS COMPANY

CERTIFICATE OF INCUMBENCY

I, Margaret E. Roark, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of EL PASO PRODUCTION OIL & GAS COMPANY, a Delaware corporation (the "Company"), and that, as such, have the custody of the corporate records and seal of said Company; and

I do hereby further certify that the persons listed on the attached Exhibit A have been elected, qualified and are now acting in the capacities indicated, as of the date of this Certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of El Paso Production Oil & Gas Company this 18th day of April 2001.


Margaret E. Roark, Assistant Secretary

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

6. (R649-9-2)Waste Management Plan has been received on: PLAN IN PLACE

7. **Federal Wells:** The BLM has approved the merger, name change, or operator change for all wells listed on listed on Federal leases on: N/A

8. **Indian Lease Wells:** The BIA has approved the merger, name change, or operator change for all wells listed on Indian leases on: N/A

9. **Federal and Indian Units:**

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

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

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

11. **Underground Injection Cont** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 06/21/2001

DATA ENTRY:

1. Changes entered in the **Oil and Gas**

Database on: 11/27/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/27/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter or: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
FROM: (Old Operator): N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	TO: (New Operator): N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
CA No.	Unit:

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: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- 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")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

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 fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

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: MULTIPLE LEASES
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: UINTAH & DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: CHANGE OF 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 PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO 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.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)
APPROVED *7/19/06*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

RECEIVED
JUL 05 2006
DIV. OF OIL, GAS & MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number UTE TRIBAL 1-A	API Number 4301315122
Location of Well Footage : 664' FNL, 617' FWL County : DUCHESNE QQ, Section, Township, Range: NWNW 18 3S 6W State : UTAH	Field or Unit Name ALTAMONT/BLUEBELL Lease Designation and Number FEE

EFFECTIVE DATE OF TRANSFER: 6/30/2006

CURRENT OPERATOR

Company: EL PASO PRODUCTION OIL AND GAS CO
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9380
Comments:

Name: CHERYL CAMERON
Signature: *Cheryl Cameron*
Title: REGULATORY ANALYST
Date: 6/6/2006

NEW OPERATOR

Company: EL PASO E&P COMPANY, L.P.
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9380
Comments:

Name: CHERYL CAMERON
Signature: *Cheryl Cameron*
Title: REGULATORY ANALYST
Date: 6/6/2006

(This space for State use only)

Transfer approved by: *Donna*
Title: *Geology*

Approval Date: 7/14/06

Comments:

EPA approval required.
MIT required.

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: 9/12/2012

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/24/2102
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/24/2012
- Bond information entered in RBDMS on: 9/24/2012
- Fee/State wells attached to bond in RBDMS on: 9/24/2012
- Injection Projects to new operator in RBDMS on: 9/24/2012
- 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: 9/24/2012

COMMENTS:

Well Name	Sec	TWP	RNG	API Number	Enity Number	Lease	Well Tyoe	Well Status
UTE 1-14C6	14	030S	060W	4301330056	12354	Indian	WD	A
UTE TRIBAL 1-A	18	030S	060W	4301315122	99990	Fee	WD	A
LAKE FORK 2-23B4	23	020S	040W	4301330038	1970	Fee	WD	A
TEW 1-9B5	09	020S	050W	4301330121	1675	Fee	WD	A
RHOADES MOON 1-36B5	36	020S	050W	4301330289	4765	Fee	WD	A
G HANSON 2-4B3 SWD	04	020S	030W	4301330337	99990	Fee	WD	A
LDS CHURCH 2-27B5	27	020S	050W	4301330340	99990	Fee	WD	A
LINDSAY RUSSELL 2-32B4	32	020S	040W	4301330371	99996	Fee	WD	A
EHRICH 2-11B5	11	020S	050W	4301330391	99990	Fee	WD	A
LAWSON 1-21A1	21	010S	010W	4301330738	935	Fee	WI	A
DAVIS 1-33A1E	33	010S	010E	4304730384	805	Fee	WD	A
ALLRED 2-16A3	16	010S	030W	4301330361	99996	Fee	WD	I
BIRCH 2-35A5	35	010S	050W	4301330362	99996	Fee	WD	I

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached COUNTY:		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: See Attached

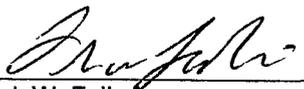
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

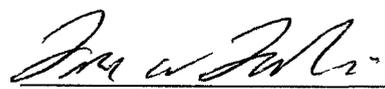
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT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

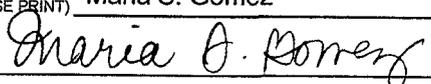
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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.

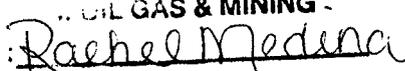

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE 	DATE <u>6/22/2012</u>

(This space for State use only)

APPROVED

SEP 24 2012

OIL GAS & MINING


RECEIVED

JUN 25 2012

DIV OF OIL GAS & MINING

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

I
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Ute Tribal 1-A	API Number 4301315122
Location of Well Footage : 664' FNL & 617' FWL County : Duchesne QQ, Section, Township, Range: NWNW 18 3S 6W State : UTAH	Field or Unit Name Altamont/Bluebell Lease Designation and Number Fee

EFFECTIVE DATE OF TRANSFER: 6/1/2012

CURRENT OPERATOR

Company: <u>El Paso E&P Company, L.P.</u>	Name: <u>Maria S. Gomez</u>
Address: <u>1001 Louisiana</u>	Signature: <u><i>Maria S. Gomez</i></u>
<u>city Houston state TX zip 77002</u>	Title: <u>Principal Regulatory Analyst</u>
Phone: <u>(713) 997-5038</u>	Date: <u>8/31/2012</u>
Comments:	

NEW OPERATOR

Company: <u>EP Energy E&P Company, L.P.</u>	Name: <u>Maria S. Gomez</u>
Address: <u>1001 Louisiana</u>	Signature: _____
<u>city Houston state TX zip 77002</u>	Title: <u>Principal Regulatory Analyst</u>
Phone: <u>(713) 997-5038</u>	Date: <u>8/31/2012</u>
Comments:	

(This space for State use only)

Transfer approved by: *David [Signature]*
Title: *VIC Geologist*

Approval Date: *9/19/2012*

Comments:

RECEIVED
SEP 12 2012