

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           /            
 Copy NID to Field Office             
 Approval Letter             
 Disapproval Letter           

*PMB*

COMPLETION DATA:

Date Well Completed 2-20-65  
 OW    WW    TA     
 GW    OS    PA   

Location Inspected             
 Bond released             
 State of Fee Land           

LOGS FILED

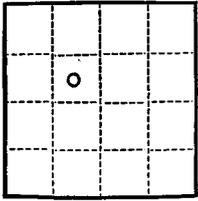
Driller's Log 3-4-65  
 Electric Logs (No. )   

E    4    E-I    GR    GR-N    Micro     
 Lat    Mi-L    Sonic    Others Cement Bond log

*Report Right of Case No. C*

Form 9-331a  
(Feb. 1951)

Get Bureau No. 42-R358.4.  
Form Approved.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-0142175  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 13, 1964

Harrochee Sand

Well No. 4 is located 2066 ft. from N line and 1971 ft. from W line of sec. 3

SW 22 NW 3 7 S 21 E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Unmanned Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. not available

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated formation tops:  
Uinta surface  
Green River 3690  
Estimated T. D. 7100

Casing Program:  
9-5/8" 12# casing set @ 200'.  
Cement to circulate.  
5 1/2" 14-15.5# casing set through all potential producing zones.

To test potential producing zones in the Green River formation.

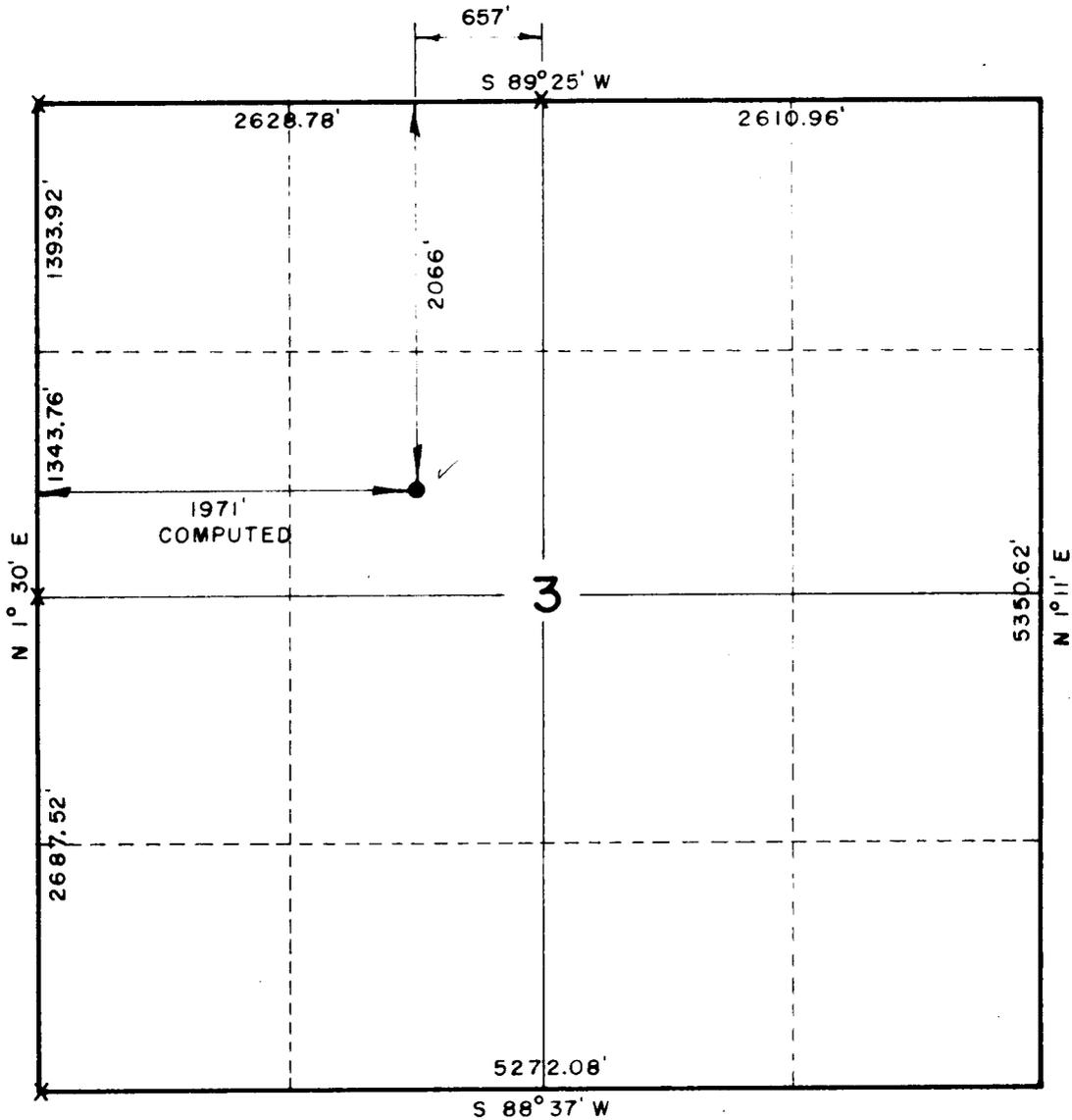
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building  
Salt Lake City, Utah 84111

By Edwin B. Isbell  
Geologist

# T 7 S, R 21 E, SLB & M



X = Corners Located (Brass Caps)

Scale: 1" = 1000'

UINTAH ENGINEERING  
& LAND SURVEYING

P. O. Box 510  
Vernal, Utah

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  
Utah Registration No. 2154

PARTY N. J. Marshall  
T. Wardell

**SURVEY**  
SHAMROCK OIL & GAS CORP. HORSESHOE BEND  
# 4 WELL LOCATION, LOCATED AS SHOWN  
IN THE SE1/4 NW1/4 OF SECTION 3, T 7 S, R  
R 21 E, SLB & M, UINTAH COUNTY, UTAH

DATE 29 Sept., 1964  
REFERENCES GLO Plat  
Approved May 1, 1964

WEATHER Cloudy - Cool

FILE Shamrock

November 16, 1964

The Shamrock Oil and Gas Corporation  
870 First Security Building  
Salt Lake City, Utah

Re: Well No. Horseshoe Bend 4  
Sec. 3, T. 7 S., R. 21 E.,  
Uintah County, Utah

Gentlemen:

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

As soon as you have determined 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  
Office: DA 8-5771, DA 8-5772 or DA 8-5773  
Home: CR 7-2890 - Salt Lake City, Utah

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

Enclosed please find Form OGCC - 8 - X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable 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. FREIGHT  
EXECUTIVE DIRECTOR

CBF:sch

cc: Rodney Smith, Dist.Eng., 8416 Federal Building, Salt Lake City, Utah  
Harvey L. Coonts, Pet. Eng., Box 266, Moab, Utah

*AAK*  
*Opt Sec*  
*SOA*

DUPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 43-8344-1

LAND OFFICE Utah  
LEASE NUMBER 0142175  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 64,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.  
Salt Lake City, Utah 84111

Phone 328-0165 Agent's title Geologist

WELL NO.	TYP.	DATES	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (In thousands)	REMARKS
Sec. 3 NW NE	7S	21E	2	30	1,859.98					Horsehoe Bend
Sec. 3 NW NW	7S	21E	3							<p>DST #2: 5961-5987. Op 30 min., SI 30 min., op 60 min., SI 60 min. Op w/strong blo w/GS in 15", gas 88 32 MCF, decr to 26 MCF @ EOT. Rec 800' oil and 10' water. FP 207-282, SIP 2390-2251, HH 2970-2958</p> <p>DST #3: 6447-6460. Op 30 min., SI 30 min., op 60 min., SI 60 min. Had very wk blo, died in 10" of initial op. No blo on final op. Rec 25' <math>\phi</math> mud. FP 7-27, SIP 60-188, HH 3240-3100</p> <p>DST #4: 6858-6908. Op 30 min., SI 30 min., op 60 min., SI 60 min. Had very wk blo thruout test. Rec 25' drilling mud, no sho. FP 30-32, SIP 125-325, HH 3381-3347.</p> <p>DST #5: 6951-59. Op 30 min., SI 30 min., Op 60 min., SI 60 min. Had wk blo thruout test. Rec 90' <math>\phi</math> mud and 360' wtr w/sho of oil. FP 47-187, SIP 2836-2717, HH 3435-3375.</p> <p>DST #6: 6768-6796 (straddle test). Op 30 min., SI 30 min., op 90 min., SI 60 min. Had wk blo thruout test. Rec 70' OANCM and 170' water. FP 87-193, SIP 1240-2341, HH 3437-3381.</p> <p>Drilled to TD 7131. Set 5 1/2" csg @ 6093' with 150 cubic feet posmix.</p> <p>Perforated 5963' and 5970'. Treated with 250 gal 15% mud acid. Fraced w/14,700 gal oil and 16,800 lbs sd, 4,200 gal oil and 4,200 lbs glass beads. Broke at 3100#. average inj rate 39 BPM at 3700#. Flowed and swabbed. Put on pump. Testing on pump.</p>
Sec. 3 SE NW	7S	21E	4							Spud 11-20-64. Set 9-5/8" csg at 224' with 200 sx. Drilling at 4189'.

Notes.—There were 8 (1,473.25 barrels) 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.)

Notes.—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.



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 AMARILLO TEXAS 79105

Salt Lake City, Utah 84111

December 23, 1964

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City, Utah 84111

State of Utah  
Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

Attention: Miss Clarella N. Peck

Gentlemen:

We wish to report that it will no longer be necessary for you to hold the well information confidential on any of Shamrock's wells.

Thank you for your fine cooperation in this regard.

Very truly yours,

*Edwin B. Isbell*

Edwin B. Isbell  
Geologist

EBI:ls

*2/10/44  
2/10/44  
2/10/44*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-2086-1  
LAND OFFICE Utah  
LEASE NUMBER 216173  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field Midwest  
The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1944,  
Agent's address 478 First Security Building Company The Hamrock Oil and Gas Corp.  
2014 Lake City, Utah 84111 Signed [Signature]  
Phone 325-2145 Agent's title District Geologist

SEC. AND K or K	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If used, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NE NE	7S	21E	2	SI	230.00					
			Horseshoe Bend							
Sec. 3 NW NW	7S	21E	3							
			Horseshoe Bend							
			Circulated well with crane. Pulled rods and tubing. Set bridge plug at 5967'. Sealed. Drilled bridge plug and spaced with 85 sz cement. Drilled out cement to 5968'. Surf at 5963 and 5968 w/5-oz radial jet w/3/4" holes. Broke down with 250 gallons 1% mud acid. HOP 3500'. Sealed. Drilled out cement to 6003'. Spgs perf's w/75 sz cement. Drilled cement to 5968'. Notched sig at 5963. Spotted 250 gal 1% mud acid. Broke down formation at 4700'. Sealed. Put on pump. Testing on pump.							
Sec. 3 SE NW	7S	21E	4							
			Horseshoe Bend							
			BST #1s. 6774-6785. Op 30 min., SI 30 min., Op 60 min., SI 60 min. End wk blo, incr to fair blo. GTS 17" of second flow period, TSTM. Res 216' GSO and 180' MRCOO. FP 21-225, SIP 2600-2563, NH 3454-3454. Drilled to TD 7073'. Set 5 1/2" casing at 6694 w/150 sz. Waiting to move off rotary.							

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

no \_\_\_\_\_ during the month. (Write "no" where applicable.)

NOTE.—Report on this form \_\_\_\_\_, regardless of the status of operations, and must be filed in duplicate with the supervisor \_\_\_\_\_ unless otherwise directed by the supervisor.

*KL*

*K. W. ...*

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Utah  
LEASE NUMBER 0142175  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 65

Agent's address RTD First Security Building Company The Abbebrook Oil and Gas Corp.  
Salt Lake City, Utah 84111 Signed [Signature]

Phone 338-0165 Agent's title District Geologist

SEC. AND 1/4 OR 1/2	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)
Sec. 3 NW NW	7S	21E	2	31	1,150.60					
Sec. 3 NW NW	7S	21E	3							Moved in workover rig. Pulled rods and tubing. Ran tubing. Set pcr at 5900'. Treated well with 47 bbls Ashley Valley crude pre-flush, 2,650 gal oil and 1,700' 20-40 mesh sand. TP 5000', inj rate 7 BPM. Flushed with 140 bbls. Flowed and scrubbed. Pressed with 14,650 gal Ashley Valley crude with 15,750' 20-40 mesh sand and 3,950 gal with 2,000' 8-12 mesh glass beads. Flushed with 51 bbls. Screened out with 500' beads in formation. Average inj rate 18.5 BPM at 4,000', max rate 25 BPM at 4,000'. Washed out sand and beads. Ran tubing and rods. Testing on pump.
Sec. 3 NW NW	7S	21E	4							Perf w/four 1/4" holes on single plane at 6771 and 6774'. Spotted 500 gal 1% mud acid. Break down at 3000'. Displaced at 5 BPM at 3500'. Treated with 11,500 gal oil with 10,500' sand, 1,000 gal oil with 2,000' glass beads. Average pressure 4000' at 27 BPM. Max rate 34 BPM. Instantaneous SIP 2000'. Flowed and scrubbed. Ran tubing, rods and pump. Waiting on pumping unit.

Norm.—There were 9 (1,206.63 barrels) or sales of oil; 00 M cu. ft. of gas sold;

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

Norm.—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

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

LAND OFFICE Utah  
LEASE NUMBER 0142175  
UNIT .....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Horseshoe Bend

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

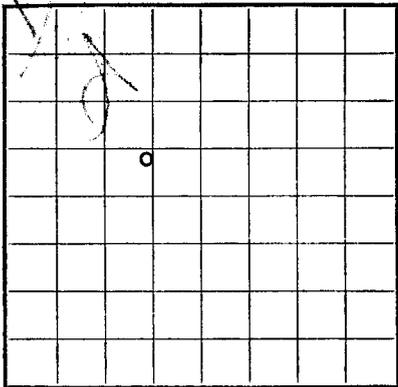
Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.  
Salt Lake City, Utah 84111 Signed Robert Thomas

Phone 328-0165 Agent's title District Geologist

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)
Sec. 3 NW NE	7S	21E	2	28	1,165.26					
Sec. 3 NW NW	7S	21E	3		Completion report: Well pumped 8 barrels oil & 7 barrels water in 24 hours. CP Off. No gas. Gravity 29° @ 60°. Completed 2-23-65. Shut well in due to weather conditions. 0 (all runs frac oil)					
Sec. 3 SE NW	7S	21E	4		Set pumping unit. Tested on pump. Completion Report: Pumped 30 barrels oil during 24 hour pumping operation. Gravity 29.5° at 60°. Casing pressure 100#. Gas gauged 154 MCF. Complete 2-21-65.					
				7	582.14					

NOTE.—There were 9 (1,429.30 barrels) 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 duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Utah  
U. S. LAND OFFICE U-0142175  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*43-04775802*

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corporation Address 870 First Security Bldg, Salt Lake City  
Lessor or Tract Horseshoe Bend Field Horseshoe Bend State Utah  
Well No. 4 Sec. 3 T. 7S R. 21E Meridian Salt Lake County Uintah  
Location 2066 ft. North of N Line and 1974 ft. East of W Line of Section 3 Elevation 4988 KB  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Burke Isbell  
Title Geologist

Date March 3, 1965

The summary on this page is for the condition of the well at above date.

Commenced drilling November 20, 1964 Finished drilling December 21, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6770 to 6776 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9-5/8</u>	<u>32.30</u>	<u>4-40</u>		<u>211.03</u>				<u>6771 &amp; 6774</u>	<u>surface production</u>
	<u>18.50</u>	<u>3-22</u>		<u>889.77</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>224</u>	<u>200</u>			
<u>5 1/2</u>	<u>6894</u>	<u>150</u>			

PLUGS AND ADAPTERS

D MARK

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from 0 feet to 7066 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing February 20, 1965

The production for the first 24 hours was 30 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 29.5° @ 60°

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	4275	4275	red-green shale, sand
4275	4840	565	brown dolo shale
4840	6050	1210	sand, shale, lime
6050	7066	1016	grey-brown shale, sand
			<u>Formation Tops</u>
			Green River 3527
			Basal Green River 6063
			Douglas Creek 6513
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—CONTINUED

WINDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

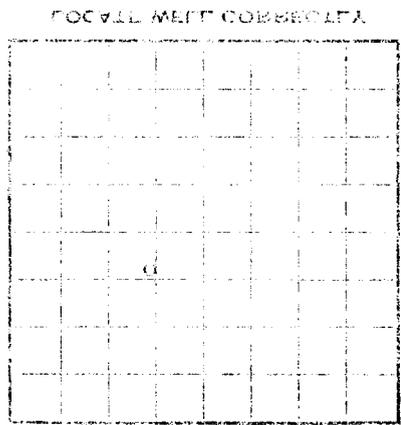
16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 11-20-64. Set 9-5/8" casing at 224' with 200 sx.  
 DST #1: 6774-6785. Open 30 min., SI 30 min., Op 60 min., SI 60 min.  
 Had weak blow, increased to fair blow. GTS 17 min. of second flow period,  
 TSTM. Rec 216' GCO and 180' M&GCO. FP 21-125, SIP 2688-2583, HH 3454-3454.  
 Drilled to td 7073'. Set 5 1/2" casing at 6894' with 150 sx.  
 Perf w/four 3/4" holes on single plane at 6772 and 6774.  
 Spotted 500 gal 15% mud acid. Broke down at 3800#. Treated with 11,500  
 gal oil with 10,900 lbs sand; 3,000 gal oil with 2,000 lbs glass beads.  
 Average pressure 4000# at 27 bbls per min. Flowed and swabbed. Put on pump.  
 Completion Report: Pumped 30 bbls oil in 24 hour potential test.  
 Gravity 29.5° @ 60°. Casing pressure 100#. Gas gauged 154 MCF.  
 Complete 2-21-65.

OIL OR GAS SANDS OR NONES

The information on this page is for the guidance of the well at spot date.  
 The information given hereafter is a complete and correct record of the well and all work done thereon.  
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LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY  
 DEPARTMENT OF THE INTERIOR  
 UNITED STATES

PLEASE RETURN TO BUREAU OF GEOLOGICAL SURVEY  
 WASHINGTON, D. C. 20540  
 FIELD OFFICE  
 FIELD NUMBER

MAR 4 1965

PI

December 26, 1973

MEMO FOR FILING

Re: Diamond Shamrock Oil Corp.  
Horseshoe Bend #2 and #4  
Sec. 3, T. 7 S, R. 21 E,  
Uintah County, Utah

At the time of the visit both oil wells were found shut-in.

No problems related to spills or hazards were observed.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:lp

cc: U. S. Geological Survey

*Handwritten initials/signature*

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: Horseshoe Bend #4

Operator The Shamrock Oil and Gas Corporation Address Salt Lake City Phone 328-0165

Contractor Miracle and Wooster Address Vernal, Utah Phone 789-2661

Location SE 1/2 NW 1/2 Sec. 3 T. 7 N. R. 21 E. Uintah County, Utah.

Water Sands:

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

(Continued on reverse side if necessary)

<u>Formation Tops:</u>		
Green River		3527
Basal Green River		6063
Douglas Creek		6513

Remarks:

- 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0142175
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078		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  2066' FNL & 1791' FEL		8. FARM OR LEASE NAME HORSESHOE BEND FEDERAL
14. PERMIT NO. 43-047-15802	15. ELEVATIONS (Show whether DF, RT, CR, etc.)	9. WELL NO. #4
		10. FIELD AND POOL, OR WILDCAT HORSESHOE BEND
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 3, T7S, R21E
		12. COUNTY OR PARISH 13. STATE

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) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <b>TEMPORARY ABANDONMENT</b> <input checked="" type="checkbox"/>	<b>XX</b> <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.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to temporarily abandon the above referenced well. Due to the present economic conditions and the producing rate of this well, it has become unfeasible to operate at the present time.

All surface equipment will be removed in the near future and the location will be partially reclaimed.

The BLM and State of Utah will be notified should DIAMOND SHAMROCK EXPLORATION COMPANY decide to recommence operations of this well.

18. I hereby certify that the foregoing is true and correct  
SIGNED Rob Michelotti TITLE Production Engineer DATE 3-12-85  
Rob Michelotti

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side  
DATE: 3/21/85  
BY: Shirley R. Bura



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

April 11, 1985

Diamond Shamrock Exploration Co.  
PO Drawer "E"  
Vernal, Utah 84078

Gentlemen:

Re: Well No. Horseshoe Bend Fed. 4 - Sec. 3, T. 7S., R. 21E.,  
Uintah County, Utah - API #43-047-15802

We have received your notice indicating that this well is temporarily abandoned; however, there is no information as to where the temporary plugs are set.

If plugs have been set, it is necessary to submit this information on a "Sundry Notice". If plugs haven't been set, the well is not temporarily abandoned; it is either shut in or operations have been suspended.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/50



**Diamond Shamrock**  
Exploration Company

April 15, 1985

Pam Kenna-Well Records Specialist  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center-Suite 350  
Salt Lake City, Utah 84180-1203

Re: Horseshoe Bend Federal #4  
Sec. 3, T7S, R21E  
Uintah County, Utah  
API # 43-047-15802

**RECEIVED**

**APR 18 1985**

**DIVISION OF OIL  
GAS & MINING**

Dear Ms. Kenna,

Concerning your letter dated April 11, 1985, the well status shall be left as temporarily abandoned. This well is on a federal lease, so compliance with federal regulations is required. Their regulations state that the well must be re-evaluated for a workover or be plugged and abandoned twelve months from the approved date.

Sincerely,

Rob Michelotti-Engineer  
DIAMOND SHAMROCK EXPLORATION COMPANY  
Vernal District Office

RM/ln

xc: file

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

2. NAME OF OPERATOR  
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
2066' FNL & 1791' FWL SE/NW

13. PERMIT NO.  
43-047-15802

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4975' GL

5. LEASE DESIGNATION AND SERIAL NO.  
U-0142175

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
HORSESHOE BEND

9. WELL NO.  
#4

10. FIELD AND POOL, OR WILDCAT  
HORSESHOE BEND FIELD

11. SEC., T., E., M., OR B.E. AND SURVEY OR AREA  
SECTION 3, T7S, R21E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

RECEIVED

JUN 03 1985

DIVISION OF OIL  
GAS & MINING

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> SOLD TO ALTA ENERGY	

(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.)\*

The Horseshoe Bend #4 well was sold to Alta Energy Corporation, 500 North Loraine, 900 Her. Ctr., Midland, Texas, 79701, by DIAMOND SHAMROCK EXPLORATION COMPANY.

Alta Energy Corporation commenced operations 4-1-85.

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

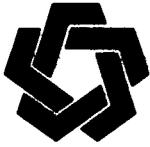
SIGNED Rob Michelotti TITLE Production Engineer DATE 5-31-85  
Rob Michelotti

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



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

March 6, 1986

TO: Well File Memo  
FROM: J.R. Baza *JRB*  
RE: Well No. Horseshoe Bend 4, Sec.3, T.7S, R.21E,  
Uintah County, Utah

The well file contains insufficient information to determine if the well is properly temporarily abandoned or not. The operator has submitted a Sundry Notice dated March 12, 1985, indicating that the well was to be temporarily abandoned shortly thereafter; however, there is no statement that a temporary plug would be set to isolate the producing interval. The operator should be requested to submit written verification of the existence of any temporary plug, and the well status should be listed as SI producing well, until this has been adequately verified.

sb  
0265T-23



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

April 7, 1986

Alta Energy Corporation  
900 Heritage Center  
500 North Lorraine  
Midland, Texas 79701

Gentlemen:

Re: Well No. Horseshoe Bend 4 - Sec. 3, T. 7S., R. 21E.,  
Uintah County, Utah - API #43-047-15802

In order to determine if the referenced well is a temporarily abandoned well, it is necessary that the condition of the well bore comply with the requirements of Rule 315 (i) of the Oil and Gas Conservation General Rules.

A records review of the well file indicates that insufficient information is available to determine where, or if, temporary plugs have been set. Please provide sufficient information as to the condition of the well, to determine if any interval open to the well bore has been properly sealed with a cement plug or bridge plug, and if the well bore is isolated to prevent migration of fluids through or out of it.

Your response by April 27, 1986 will be appreciated, and should be addressed to:

Division of Oil, Gas & Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout  
Records Manager

pk

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
Well File  
Suspense File

0170S/7



April 18, 1986

APR 19 1986

DIVISION OF  
OIL, GAS & MINING

Mr. Norman C. Stout  
Records Manager  
Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Horseshoe Bend No. 4  
Sec. 3, T-7-S, R-21-E  
Uintah County, Utah  
API No. 43-047-15802

Dear Mr. Stout:

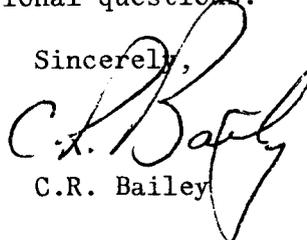
Alta Energy Corporation purchased the three wells in Sec. 3, T-7-S, R-21-E from Diamond Shamrock. When Alta took over operations, Diamond Shamrock had removed the pumpjacks from the Nos. 2 and 4 wells. We had a spare pumpjack that we set on the No. 2 and had planned the same for the No. 4 when we had another spare pumpjack.

As you know, with prices around \$9.30/BBL for Black Wax oil, it is very uneconomical to do anything that requires capital outlay right now. We still plan on putting the No. 4 back on production as soon as price firms up and we can afford to move a pumpjack and hook it up. Therefore, we plan to continue carrying the No. 4 as S.I.

As far as migration of fluids is concerned, the upper Green River is perforated in the well bore and nothing else is open. The well is sealed at the surface with a wellhead.

Please let me know if you have additional questions.

Sincerely,



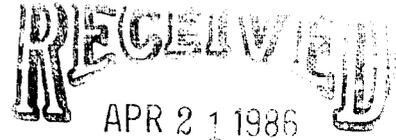
C.R. Bailey

CRB:met

cc: Pat Yocham  
Earl Staley



April 18, 1986



DIVISION OF  
OIL, GAS & MINING

Mr. Norman C. Stout  
Records Manager  
Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Horseshoe Bend No. 4  
Sec. 3, T-7-S, R-21-E  
Uintah County, Utah  
API No. 43-047-15802

Dear Mr. Stout:

Alta Energy Corporation purchased the three wells in Sec. 3, T-7-S, R-21-E from Diamond Shamrock. When Alta took over operations, Diamond Shamrock had removed the pumpjacks from the Nos. 2 and 4 wells. We had a spare pumpjack that we set on the No. 2 and had planned the same for the No. 4 when we had another spare pumpjack.

As you know, with prices around \$9.30/BBL for Black Wax oil, it is very uneconomical to do anything that requires capital outlay right now. We still plan on putting the No. 4 back on production as soon as price firms up and we can afford to move a pumpjack and hook it up. Therefore, we plan to continue carrying the No. 4 as S.I.

As far as migration of fluids is concerned, the upper Green River is perforated in the well bore and nothing else is open. The well is sealed at the surface with a wellhead.

Please let me know if you have additional questions.

Sincerely,

C.R. Bailey

CRB:met

cc: Pat Yocham  
Earl Staley



RECEIVED  
FEB 20 1987

DIVISION OF  
OIL, GAS & MINING

February 17, 1987

State of Utah  
Natural Resources - Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Application for Injection Well  
Horseshoe Bend No. 4  
Uintah County, Utah

Dear Sir:

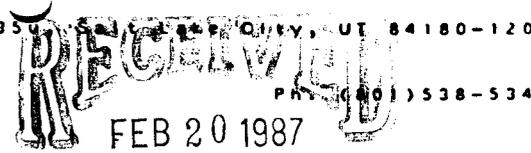
Enclosed you will find forms DOGM-UIC-1, DOGM-UIC-2, schematic drawing of subsurface equipment, plat, qualitative and quantitative analysis of water to be injected into the subject well.

We are in the process of locating an electric log and will forward same when received. Please contact the undersigned if necessary.

Sincerely,

Pat M. Yocham  
Production and Drilling Engineer

PMY:met  
Encls.



APPLICATION FOR INJECTION WELL

DIVISION OF  
OIL, GAS & MINING

Operator: Alta Energy Corporation Telephone: 915 683-5449

Address: 500 North Loraine, Suite 900

City: Midland State: TX Zip: 79701

Well no.: 4 Field or Unit name: Horseshoe Bend

Sec.: 3 Twp.: 7S Rng.: 21E County: Uintah Lease no. U-0142175

	<u>YES</u>	<u>NO</u>
Is this application for expansion of an existing project?.....	_____	_____
Will the proposed well be used for: Enhanced recovery?.....	_____	_____
Disposal?.....	<u>X</u>	_____
Storage?.....	_____	_____
Is this application for a new well to be drilled?.....	_____	_____
Has a casing test been performed for an existing well?.....	_____	<u>X</u>
(If yes, date of test: _____)		

Injection interval: from 6771 to 6774

Maximum injection: rate 140 BWPD pressure 0-100 psig

Injection zone contains X oil, \_\_\_\_\_ gas or \_\_\_\_\_ fresh water within 1/2 mile.

Additional information as required by Rule 502 should accompany this form.

I hereby certify that the foregoing is true and correct to the best of my knowledge:

Signed: Pat M. Lofcham Title: Production Supt. Date: 2-16-87

(This space for DOGM approval)

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

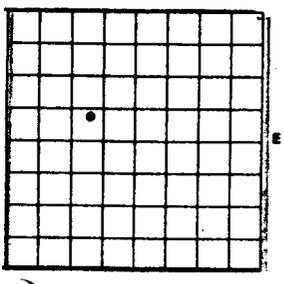
(To be filed within 30 days after drilling is completed)

U-0142175

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

API NO. \_\_\_\_\_  
 640 Acres  
 N



COUNTY Uintah SEC. 3 TWP. 7S RGE. 21E

COMPANY OPERATING Alta Energy Corporation

OFFICE ADDRESS 500 N. Loraine, Suite 900

TOWN Midland STATE TX ZIP 79701

FARM NAME Horseshoe Bend WELL NO. 4

DRILLING STARTED 11/20 1964 DRILLING FINISHED 12/21 1964

DATE OF FIRST PRODUCTION 2/20/65 COMPLETED 2/21/65

WELL LOCATED SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  NW  $\frac{1}{4}$

574 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 1971 FT. FROM WL OF  $\frac{1}{4}$  SEC.

ELEVATION DERRICK FLOOR 4987 GROUND 4974

COUNTY LEASE NO.

TYPE COMPLETION  
 Single Zone X  
 Multiple Zone \_\_\_\_\_  
 Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	3527	6063			
Douglas Creek	6513	6894			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
9-5/8	32.30	H-40	211.03	1000	200		Surface
5-1/2	15.50	J-55	6895'	1500	150	1014	5881

TOTAL DEPTH 7073

PACKERS SET  
 DEPTH \_\_\_\_\_

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

FORMATION	Douglas Creek		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Oil Producer		
PERFORATED	6771-6774		
INTERVALS			
ACIDIZED?	500 gals. HCL		
FRACTURE TREATED?	14,500 gals Oil 12,900# sand		

INITIAL TEST DATA

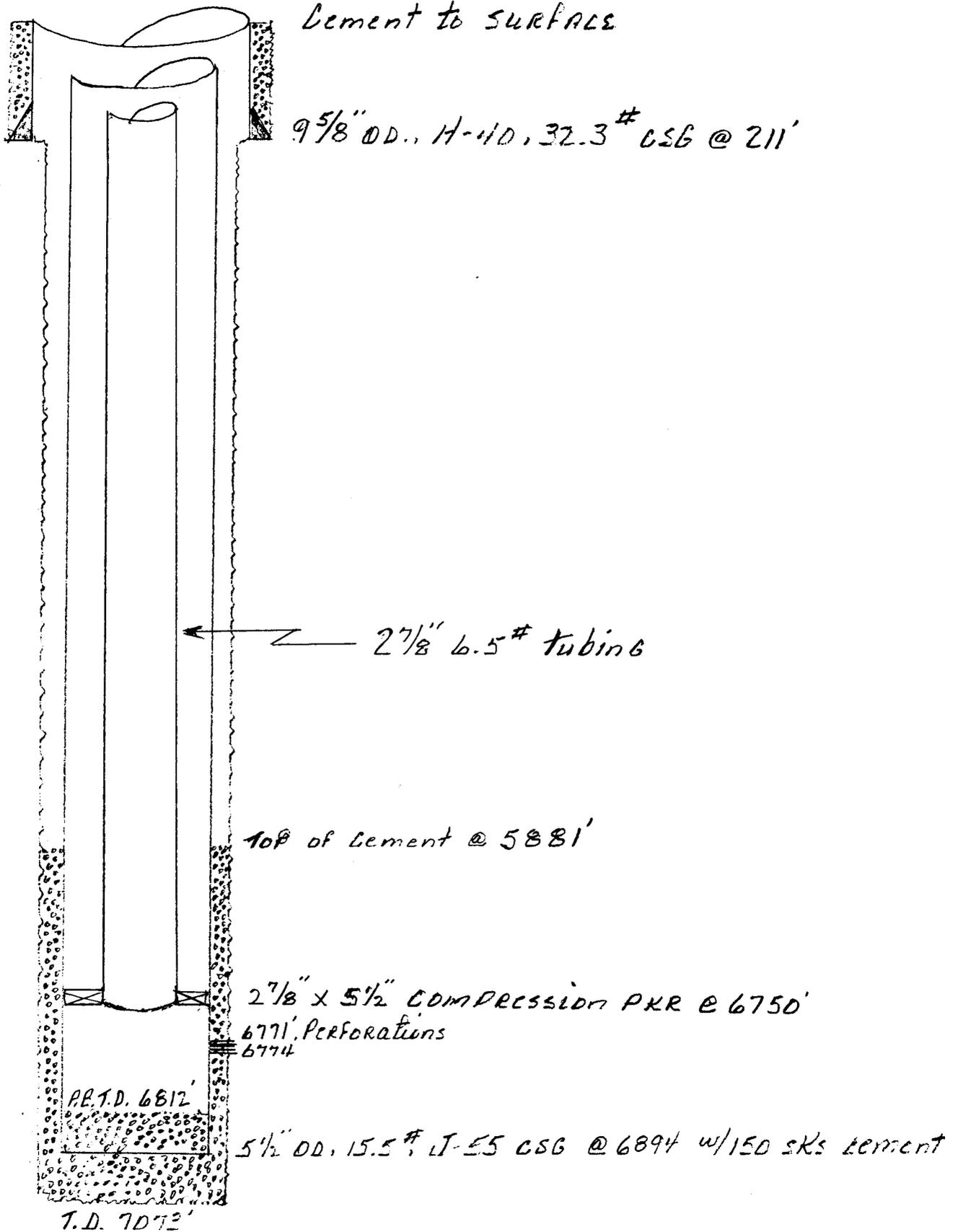
Date	2/21/65		
Oil, bbl./day	30		
Oil Gravity	29.5°		
Gas, Cu. Ft./day	154,000 CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	5133		
Water-Bbl./day	0		
Pumping or Flowing	Pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

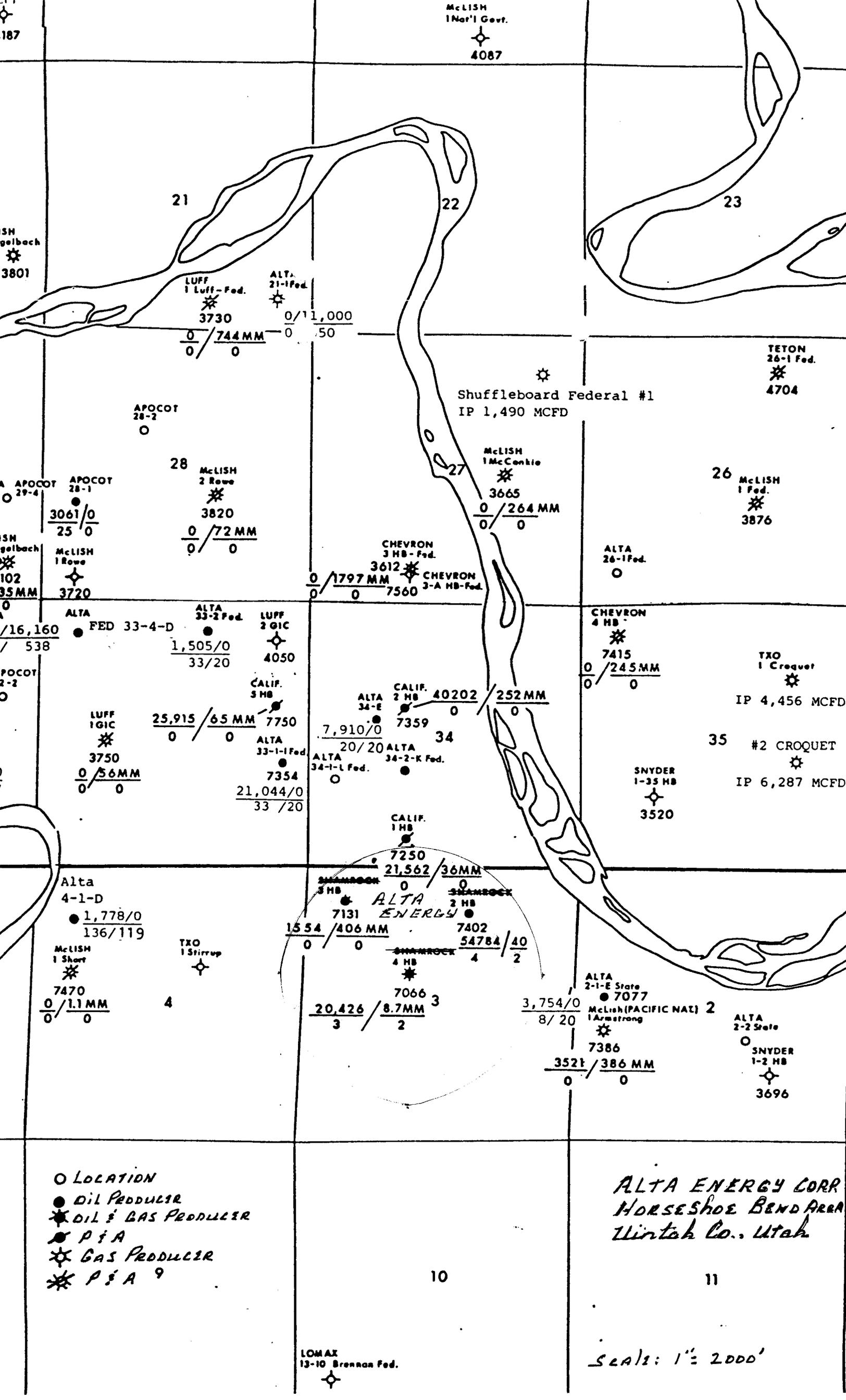
A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
 (use reverse side)

Telephone 915 683-5449 Pat Yocham, Prod. Supt.  
 Name and title of representative of company

Date: 2-16-87

# HORSESHOE BEND No. 4





McLISH  
1 Nat'l Govt.  
4087

187

SH  
gelbach  
3801

21

22

23

LUFF  
1 Luff-Fed.  
3730  
0/11,000  
0/744 MM  
0/0

ALTA  
21-1 Fed.  
0/0

APOCOT  
28-2  
0

Shuffleboard Federal #1  
IP 1,490 MCFD

TETON  
26-1 Fed.  
4704

APOCOT  
29-4  
3061/0  
25/0

28  
McLISH  
2 Rows  
3820  
0/72 MM  
0/0

McLISH  
1 McConkie  
3665  
0/264 MM  
0/0

26  
McLISH  
1 Fed.  
3876

SH  
gelbach  
102  
95 MM

McLISH  
1 Row  
3720

CHEVRON  
3 HB-Fed.  
3612  
0/1797 MM  
0/0

CHEVRON  
3-A HB-Fed.  
7560

ALTA  
26-1 Fed.  
0

/16,160  
/538

ALTA  
FED 33-4-D  
1,505/0  
33/20

ALTA  
33-2 Fed.  
4050

LUFF  
2 GIC  
4050

CHEVRON  
4 HB  
7415  
0/245 MM  
0/0

TXO  
1 Croquet  
IP 4,456 MCFD

APOCOT  
2-2  
0

LUFF  
1 GIC  
3750  
0/56 MM  
0/0

CALIF.  
5 HB  
25,915/65 MM  
0/0

ALTA  
34-E  
7,910/0

CALIF.  
2 HB  
40202/252 MM  
0/0

7359

35  
#2 CROQUET  
IP 6,287 MCFD

ALTA  
33-1-1 Fed.  
7354  
21,044/0  
33/20

ALTA  
34-1-1 Fed.  
0

ALTA  
34-2-K Fed.  
0

SNYDER  
1-35 HB  
3520

Alta  
4-1-D  
1,778/0  
136/119

McLISH  
1 Short  
7470  
0/1.1 MM  
0/0

TXO  
1 Stirrup  
4

ALTA  
ENERGY  
7131  
1554/406 MM  
0/0

CALIF.  
1 HB  
7250  
21,562/36 MM  
0/0

SNYDER  
4 HB  
7066  
20,426/8.7 MM  
3/2

SNYDER  
2 HB  
7402  
54784/40  
4/2

ALTA  
2-1-E State  
7077  
McLISH (PACIFIC NATL) 2  
1 Armstrong  
7386  
3,754/0  
8/20  
3521/386 MM  
0/0

ALTA  
2-2 State  
SNYDER  
1-2 HB  
3696

- LOCATION
- OIL PRODUCER
- ★ OIL & GAS PRODUCER
- P & A
- ★ GAS PRODUCER
- ★ P & A

10

11

LOMAX  
13-10 Brennan Fed.

ALTA ENERGY CORR  
HORSESHOE BEND AREA  
Uintah Co., Utah

SCALE: 1" = 2000'

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD: HORSESHOE BEND  
WELL: FEDERAL 34 - E  
U-53861  
2228' FNL 1224' FWL  
SEC. 34 T-6-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	19,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	800
CALCIUM (Ca)	80
MAGNESIUM (Mg)	145.8
SULFATE (SO <sub>4</sub> )	275
pH	8.6
TOTAL DISSOLVED SOLIDS	39,000

*DAILY WATER PRODUCTION --- 10 BARRELS*

ANALYSIS BY:

A J ROSE  
LAB TECHNICIAN

VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD: HORSESHOE BEND  
WELL: 36-1-P  
ML 33225  
510' FEL 628' FSL  
SEC. 36 T-6-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	23,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	900
CALCIUM (Ca)	120
MAGNESIUM (Mg)	145.8
SULFATE (SO <sub>4</sub> )	0
pH	9.5
TOTAL DISSOLVED SOLIDS	54,000

*Daily water production - - - 7 barrels*

ANALYSIS BY: A.J. ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: COTTON CLUB # 1  
U-31736  
504' FNL 502' FEL  
SEC. 31 5-6-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	8,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	200
CALCIUM (Ca)	20
MAGNESIUM (Mg)	36.45
SULFATE (SO <sub>4</sub> )	225
pH	9.0
TOTAL DISSOLVED SOLIDS	23,000

*Daily water production --- 10 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD: COUNTY: UINTAH  
WELL: STATE 2-1-E STATE: UTAH  
ML 38354 SAMPLE DATE: 1/5/87  
2475' FNL 525' FWL DATE REPORTED: 1/7/87  
SEC. 2 T-7-S, R-21-E

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	20,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	600
CALCIUM (Ca)	80
MAGNESIUM (Mg)	97.2
SULFATE (SO <sub>4</sub> )	250
pH	9.7
TOTAL DISSOLVED SOLIDS	40,000

*DAILY WATER PRODUCTION -- 5 BARRELS*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: FEDERAL 34-2-K  
U-53861  
1854' FWL 1935' FSL  
SEC. 34 T-6-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	17,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	400
CALCIUM (Ca)	40
MAGNESIUM (Mg)	72.9
SULFATE (SO <sub>4</sub> )	425
pH	8.4
TOTAL DISSOLVED SOLIDS	44,000

*Daily water production - - - 35 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: FEDERAL 33-4-D  
U-28212  
778' FWL 533' FNL  
SEC. 33 T-6-X, R-21 - E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	14,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	300
CALCIUM (Ca)	12
MAGNESIUM (Mg)	65.61
SULFATE (SO <sub>4</sub> )	0
pH	8.5
TOTAL DISSOLVED SOLIDS	39,000

*Daily water production - - - 30 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: FEDERAL 4-1-D  
U-42469  
829' FWL 1062' FNL  
SEC. 5 T-7-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	24,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	300
CALCIUM (Ca)	80
MAGNESIUM (Mg)	24.3
SULFATE (SO <sub>4</sub> )	0
pH	8.7
TOTAL DISSOLVED SOLIDS	47,000

*Daily water production - - - - 15 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: FEDERAL 33-1-I  
U-28212  
502' FEL 2052' FSL  
SEC. 33 T-6-S R-21-E  
FEDERAL 33-2-B  
U-28212  
683' FNL 1906' FEL  
SEC. 33 T-6-S, R-21-E  
(COMINGLED)

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	18,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	200
CALCIUM (Ca)	40
MAGNESIUM (Mg)	24.3
SULFATE (SO <sub>4</sub> )	25
pH	8.8
TOTAL DISSOLVED SOLIDS	45,000

*DAILY WATER PRODUCTION - - - 13 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN



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

March 6, 1987

Mr. Pat M. Yocham  
Alta Energy Corporation  
900 Heritage Center  
500 North Loraine  
Midland, Texas 79701

Dear Mr. Yocham:

The staff of the Division of Oil, Gas and Mining's Underground Injection Control Section is currently reviewing your submitted disposal well application for the Horseshoe Bend #4 well in Section 3, Township 7 South, Range 21 East, Uintah County, Utah. The review process has revealed that additional information needs to be submitted, and certain items need to be clarified. This request is in adherence to Rule 502 of the Oil and Gas Conservation General Rules (effective December 2, 1985).

The proposed disposal well will be injecting into the old producing zone of the well. Since other wells in the area have produced out of this same zone, the possibility of deriving enhanced recovery benefits is evident. This possibility needs to be addressed, and may ultimately require the Board of Oil, Gas and Mining's approval for such activity. The protection of petroleum reserves in adjacent leases is an important consideration. Additional information should be submitted to clarify and/or justify the classification of this well as a disposal well.

In addition to addressing the matter involving possible enhanced recovery benefits, the following information should be submitted in addition to the information which was previously submitted with your original application.

- 1) Submit a plat showing the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.
- 2) Submit the proposed method for testing the casing before use of the well.
- 3) Submit a statement describing the source of the fluid to be injected in this proposed disposal well.

Page 2  
Alta Energy Corp.  
March 6, 1987

- 4) Submit a standard laboratory analysis of the fluid in the formation into which the fluid is being injected.
- 5) Submit appropriate geological data on the injection interval and confining beds; including the geologic name, lithologic description, thickness, depth and lateral extent.
- 6) Submit your review of the mechanical condition of each well within a one-half mile radius of the proposed disposal well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.
- 7) Submit evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.
- 8) Submit an affidavit certifying that a copy of the application has been provided to all operators, owners, and surface owners within a one-half mile radius of the proposed disposal well.

The Division will be awaiting the above requested information in order to continue the application review. If there are any questions concerning these requests, please contact me at (801)538-5340.

Sincerely,

*Dorothy B. Swindel*

Dorothy B. Swindel  
UIC Geologist

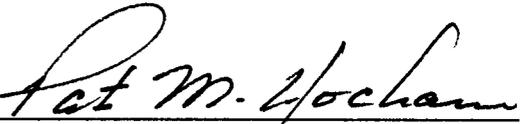
mfp  
0055U/79,80



March 26, 1987

I hereby certify that a copy of the application to inject produced water into Horseshoe Bend No. 4 has been provided to all operations, owners, and surface owners within a one-half mile radius of the proposed disposal well.

Signed:

  
Pat M. Yocham  
Production and Drilling Engineer



March 26, 1987

**RECEIVED**  
MAR 31 1987

State of Utah  
Natural Resources - Oil, Gas, and Mining  
355 West North Temple  
3 Triad Center, Suite 3650  
Salt Lake City, Utah 84180-1203

**DIVISION OF  
OIL, GAS & MINING**

Attn: Ms. Dorothy B. Swindel

Dear Ms. Swindel:

In response to your letter dated March 6, 1987, the following information is submitted as requested.

As seen from the attached plat, the only wells producing from the Green River formation within a one-mile radius are Alta's Horseshoe Bend No. 2 and State 2-1-E. The H.B. No. 2 well is located 1,800' northeast of H.B. No. 4 and they are not perforated in the same interval. The 2-1-E is located 3,850' east of H.B. No. 4 and should not be effected from an enhanced recovery standpoint.

The additional information is as follows:

1. Plat showing the surface owner and the operator of producing leases within a one-half mile radius of the proposed injection well  
(See Attached)
2. Casing Testing Procedure  
A packer will be set above the perforations in 5 ½" casing and hydrostatically tested prior to injection.
3. Source of the injection fluid  
The injection water will be from the produced water of 8 nearby wells operated by Alta Energy. A qualitative and quantitative analysis of this water has already been submitted.
4. Laboratory analysis of the Green River formation fluid  
(See Attached)
5. Geological data on the injection interval and confining beds  
The injection interval will be in a 10'-thick sand stringer in the lower Green River formation at a depth of 6,770'-6,780'. The lateral extent of this sand stringer is at least one-half mile to the north with no control points to the south and west.

Ms. Dorothy B. Swindel  
State of Utah  
March 26, 1987  
Page 2

6. Mechanical condition of each well within a one-half mile radius of proposed disposal well

There are only two wells within a one-half mile radius and those are our Horseshoe Bend No. 2 and No. 3 wells to the north.

Horseshoe Bend No. 2 is currently being produced on an intermittent schedule from the Green River formation. This well averages 3 BOPD and 2 BWPD.

Horseshoe Bend No. 3 was initially completed in the Green River formation at 5,968' but was soon plugged back to 3,800' and completed as a gas well in the Uintah formation. The well is presently shut-in because of no demand for gas.

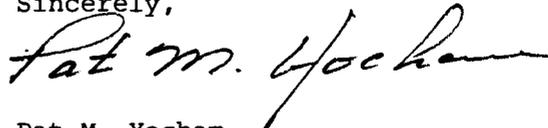
7. Separation of injected fluid and fresh water strata

The depth of lowest fresh water strata is approximately 280' and the injection interval will be 6,770'-6,780'. Due to the thick shale and red bed formations between these intervals, it would be impossible for injected fluid to be fraced into fresh water strata.

8. Certification Affidavit  
(See Attached)

If you need additional information, please advise.

Sincerely,



Pat M. Yocham  
Production and Drilling Engineer



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

April 10, 1987

Newspaper Agency Corporation  
Legal Advertising  
143 South Main - Mezzanine Floor  
Salt Lake City, Utah 84111

Gentlemen:

RE: Cause No. UIC-096

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 22nd day of April, 1987. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure



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

April 10, 1987

Uintah Basin Standard  
Legal Advertising  
P.O. Box 370  
Roosevelt, Utah 84066

Gentlemen:

RE: Cause No. UIC-096

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 22nd day of April, 1987. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

*Marjorie L. Anderson*  
for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure

Alta Energy Corporation  
Horseshoe Bend #4

### Lease Ownership Review

Leases were researched at BLM State Office  
by Teresa Thompson (BLM) and  
Dorothy Swindel (DOG M)

### Leases in review

Section 3, Township 7 South, Range 21 East

U 0142175

lots 2, 3, 4 + 5

Section 4, Township 7 South, Range 21 East

U 45879 (Not leased, KGS)

U 45876 (Not leased, KGS)

U 42469

lot 1

U 1103

Section 34, Township 6 South,  
Range 21 East

U 53861  
Lot 17

---

Lease Ownership

Section 3, Township 7 South, Range 21 East

Lease Rights:

lots 2, 5,  $\frac{1}{2}$  NE,  $\frac{1}{2}$   
Alta Energy

lots 3, 4,  $\frac{1}{2}$  NW  
Columbia Gas Dev. Corp.  
Alta Energy Corp.

Operating Rights:

lot 2  
Jack B. Wilkinson, Jr.

lots 3, 4, 5  
Alta Energy Corp.

Section 4, Township 7 South, Range 21 East

Lease #42469

Lease + Operating Rights:

Finb Oil + Chemical Co.

Petrofina Delaware

TXO Prod. Corp.

Lease #28213

Lease Rights:

AH2 Energy

MidCon Central Expl.

Operating Rights:

AH2 Energy

TXO Prod. Co.

Section 34, Township 6 South, Range 21 East

Lease # 53861

Lease Rights:

Alta Energy Corp.

Operating Rights:

Great Western Drilling ✓  
Petroleum Technical Services ✓  
H. Wayne Stead ✓  
Hydrocarbon Energy ✓  
G. A. Moberly ✓  
A. G. Talbot ✓  
Mustang Drilling ✓  
Raymond Staley ✓  
Nick Caldwell ✓  
M. W. Faudree ✓  
C. Martin ✓  
K. R. Ranson II ✓  
Laird T. Orr Coal Co. ✓  
Alta Commonwealth ✓  
Uinta Partners Ltd. ✓  
Shelby Drilling ✓  
A. G. Langford ✓  
G. + M. Gardner ✓  
Alta Energy Corp. ✓

lot 17

Lease + Operating Rights:

Alta Energy Corp.

UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR ALTA ENERGY WELL NUMBER HORSESHOE BEND #4

SEC. 3 T. 7S R. 21E COUNTY UINTAH

API # 43-047-15802

NEW WELL        DISPOSAL WELL X ENHANCED RECOVERY WELL       

- |                                  |                  |                  |
|----------------------------------|------------------|------------------|
| - Plat showing surface ownership | Yes <u>  ✓  </u> | No <u>      </u> |
| - Application forms complete     | Yes <u>  ✓  </u> | No <u>      </u> |
| - Schematic of well bore         | Yes <u>  ✓  </u> | No <u>      </u> |
| - Adequate geologic information  | Yes <u>  ✓  </u> | No <u>      </u> |
| - Rate and Pressure information  | Yes <u>  ✓  </u> | No <u>      </u> |
| - Fluid source                   | Yes <u>  ✓  </u> | No <u>      </u> |
| - Analysis of formation fluid    | Yes <u>  ✓  </u> | No <u>      </u> |
| - Analysis of injection fluid    | Yes <u>  ✓  </u> | No <u>      </u> |
| - USDW information               | Yes <u>  ✓  </u> | No <u>      </u> |
| - Mechanical integrity test      | Yes <u>  ✓  </u> | No <u>      </u> |

Comments: Number of wells in 1/2 mile review: 2 Producing,  
0 Injecting, 0 PA, 0 SI

Reviewed by Dorothy B. Swindel March 31, 1987

[Reviewed after submittal of additional information]  
on 3/31/87

UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR ALTA ENERGY WELL NUMBER HORSESHOE BEND # 4

SEC. 3 T. 7S R. 21E COUNTY UINTAH

API # 43-047-15802

NEW WELL        DISPOSAL WELL X ENHANCED RECOVERY WELL       

- |                                  |                   |                  |
|----------------------------------|-------------------|------------------|
| - Plat showing surface ownership | Yes <u>      </u> | No <u>X</u>      |
| - Application forms complete     | Yes <u>      </u> | No <u>X</u>      |
| - Schematic of well bore         | Yes <u>X</u>      | No <u>      </u> |
| - Adequate geologic information  | Yes <u>      </u> | No <u>X</u>      |
| - Rate and Pressure information  | Yes <u>X</u>      | No <u>      </u> |
| - Fluid source                   | Yes <u>      </u> | No <u>X</u>      |
| - Analysis of formation fluid    | Yes <u>      </u> | No <u>X</u>      |
| - Analysis of injection fluid    | Yes <u>X</u>      | No <u>      </u> |
| - USDW information               | Yes <u>      </u> | No <u>X</u>      |
| - Mechanical integrity test      | Yes <u>      </u> | No <u>X</u>      |

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reveiwed by Dorothy Swindel 2/25/87



STATE ACTIONS

Mail to:  
Grants Coordinator  
State Clearinghouse  
116 State Capitol, SLC, Ut. 84114  
533-4971

1. Administering State Agency STATE OF UTAH <b>NATURAL RESOURCES</b> <b>OIL, GAS, &amp; MINES</b> 3 TRIAD CENTER, SUITE 300 SALT LAKE CITY, UTAH	2. State Application Identifier Number: (assigned by State Clearinghouse) <hr/> 3. Approximate date project will start: May 7, 1987
---	--

4. Areawide clearinghouse(s) receiving State Action:  
 (to be sent out by agency in block 1)  
 UINTAH BASIN ASSOCIATION OF GOVERNMENTS  
 BOX 1449  
 ROOSEVELT, UTAH 84066 ATTN: GEORGE ROTH

5. Type of action:  Lease  Permit  License  Land Aquisition  
 Land Sale  Land Exchange  Other \_\_\_\_\_

6. Title of proposed action:  
 HORSESHOE BEND SALTWATER DISPOSAL PROJECT

7. Description:  
 APPROVAL FOR POSSIBLE CONVERSION OF ONE OIL AND GAS PRODUCING WELL TO AN INJECTION WELL FOR THE PURPOSE OF SALTWATER DISPOSAL.

8. Land affected (site location map required) (indicate county)  
 HORSESHOE BEND #4, SECTION 3, TOWNSHIP 7 SOUTH, RANGE 21 EAST, S.L.M, UINTAH COUNTY, UTAH

9. Has the local government(s) been contacted?  
 YES

10. Possible significant impacts likely to occur:  
 NONE

11. Name and phone number of district representative from your agency near project site, if applicable:  
 N/A

12. For further information, contact:  Phone: GIL HUNT 538-5340	13. Signature and title of authorized officer  - WIC manager Date: 4/13/87
--	--

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

---oo0oo---

IN THE MATTER OF THE APPLICATION :  
OF ALTA ENERGY CORPORATION FOR :  
ADMINISTRATIVE APPROVAL TO :  
CONVERT THE HORSESHOE BEND #4 WELL : CAUSE NO. UIC-096  
LOCATED IN SECTION 3, TOWNSHIP 7 :  
SOUTH, RANGE 21 EAST, S.L.M., :  
UINTAH COUNTY, UTAH TO A SALTWATER :  
DISPOSAL WELL :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED  
MATTER.

Notice is hereby given that Alta Energy Corporation has requested  
administrative approval from the Division to convert the following  
well to a saltwater disposal well:

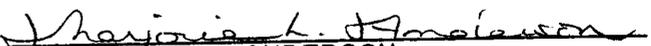
Horseshoe Bend #4  
Section 3, Township 7 South, Range 21 East, S.L.M.  
Uintah County, Utah

INJECTION INTERVAL: Green River Formation 6,771 to 6,774  
MAXIMUM SURFACE PRESSURE: 0-100 psig  
MAXIMUM WATER INJECTION RATE: 140 BWPD

Approval of this application will be granted unless objections are  
filed with the Division of Oil, Gas and Mining within fifteen days  
after publication of this Notice. Objections, if any, should be  
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program  
Manager, 3 Triad Center, Suite 350, 355 West North Temple, Salt Lake  
City, Utah 84180-1203.

DATED this 8th day of April, 1987.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
MARJORIE L. ANDERSON  
Administrative Assistant

PS Form 3811, July 1983  
Marlayne VIC-096  
VIC-096  
DOMESTIC RETURN REC

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
 Bureau of Land Management  
 Consolidated Financial Center  
 324 S. State Street  
 SLC 84111-2303

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD P001-770-535

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee  
X

6. Signature - Agent  
X *Reeg Brent*

7. Date of Delivery  
4-13-87

8. Addressee's Address (ONLY if requested and fee paid)  
324 S STATE  
SLC UT 84111

PS Form 3811, July 1983  
Marlayne VIC-096  
VIC-096  
DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
 Newspaper Agency  
 Legal Advertising  
 Magazine Flood  
 143 South Main  
 Salt Lake City, Utah 84111

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD P001-770-537

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee  
X

6. Signature - Agent  
X *XNAC B. B. Haynes*

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

APR 14 1987

PS Form 3811, July 1983  
Marlayne VIC-096  
VIC-096  
DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
 Utah Basin Standard  
 Legal Advertising  
 P.O. Box 370  
 Roosevelt, Utah 84066

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD P001-770-536

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee  
X *John Crozier*

6. Signature - Agent  
X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, July 1983  
Marlayne VIC-096  
VIC-096  
DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
 EPA  
 999 18th Street Ste 500  
 Denver CO 80202-2405

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD P-001-770-534

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee  
X *Arthur Lee*

6. Signature - Agent  
X

7. Date of Delivery  
4/13/87

8. Addressee's Address (ONLY if requested and fee paid)

Marlayne VIC-096

Notice of publication was sent to the following:

UIC-096

LAIRD T. ORR COAL COMPANY  
BOX 613  
LONDON KY 40741

ALTA ENERGY CORPORATION  
500 N. LORAIN #900  
MIDLAND TX 79701

COLUMBIA GAS AND DEVELOPMENT  
BOX 1350  
HOUSTON TX 77251

JACK B. WILKINSON, JR.  
BOX 305  
MIDLAND TX 79702

FINA OIL AND CHEMICAL COMPANY  
1625 BROADWAY #1600  
DENVER CO 80202

PETROFINA DELAWARE  
BOX 2159  
DALLAS TX 75221

TXO PRODUCTION CORPORATION  
1660 LINCOLN #1800  
DENVER CO 80264

MIDCON CENTRAL EXPLORATION  
BOX 5928 TA  
DENVER CO 80217

GREAT WESTERN DRILLING  
BOX 1659  
MIDLAND TX 79702

PETRO TECHNICAL SERVICES  
3000 N. GARFIELD #210  
MIDLAND TX 79701

WAYNE H. STEAD  
2390 N. MAIN STREET  
WALNUT CREEK CA 94596

HYDROCARBON ENERGY, INC.  
BOX M2017  
HOBOKEN NJ 07030

UTAH STATE DEPARTMENT OF HEALTH  
WATER POLLUTION CONTROL  
ATTN: LOREN MORTON  
288 N. 1480 W.  
PO BOX 16690  
SALT LAKE CITY UT 84116-0690

MR. GEORGE A. MOBERLY  
BOX 228  
MIDLAND TX 79702

MR. A.G. TALBOT  
BOX 1092  
MIDLAND TX 79702

mustang drilling fluids  
2557 E. 3760 S.  
Vernal, Utah 84078

MR. RAYMOND STALEY  
1971 S. 1500 W.  
VERNAL UT 84078

MR. NICK CALDWELL  
BOX 832  
VERNAL UTAH 84078

MR. MATTHEW FAUDREE  
500 N. LORAIN #1100  
MIDLAND TX 79701

MR. CARL MARTIN  
BOX AM  
VERNAL UTAH 84078

MR. RALPH K. RANSON II  
BOX 2166  
BUCKHANNON WV 26201

ALTA COMMONWEALTH  
500 N. LORAIN #900  
MIDLAND TX 79701

UINTAH PARTNERS LTD.  
500 N. LORAIN #900  
MIDLAND TX 79701

SHELBY DRILLING INC.  
5350 S. ROLSYN DR. 300  
ENGLEWOOD CO 80271

MR. AL G. LANGFORD  
902 SORREL LANE EAST  
MIDLAND TX 79705

MR. AND MRS. GLEN A. GARDNER  
1450 N. 1500 W.  
VERNAL UT 84078

P 001 770 534

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1984-446-014	
Sent to U.S. Environmental Protection	
Street and No. 999 17 <sup>th</sup> Street - Suite 500	
P.O., State and ZIP Code Region VII 80202-2405	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Notice VIC-096	
PS Form 3800, Feb. 1982	

P 001 770 535

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1984-446-014	
Sent to BLM	
Street and No. 324 S State Street	
P.O., State and ZIP Code Salt Lake City Utah	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Notice VIC-096	
PS Form 3800, Feb. 1982	

P 001 770 537

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1984-446-014	
Sent to Newspaper Agency	
Street and No. 145 South State	
P.O., State and ZIP Code Salt Lake City, Utah 84111	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Notice VIC-096	
PS Form 3800, Feb. 1982	

P 001 770 536

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1984-446-014	
Sent to Dintak Basin Standard	
Street and No. Legal Advertising	
P.O., State and ZIP Code P.O. Box 370	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Notice VIC-096	
PS Form 3800, Feb. 1982	

U.S. ENVIRONMENTAL PROTECTION AGENCY  
ATTN: MIKE STRIEBY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER CO 80202-2405

BUREAU OF LAND MANAGEMENT  
CONSOLIDATED FINANCIAL CENTER  
324 SOUTH STATE STREET  
SALT LAKE CITY UT 84111-2303

UINTAH BASIN STANDARD  
LEGAL ADVERTISING  
PO BOX 370  
ROOSEVELT UT 84066

NEWSPAPER AGENCY  
LEGAL ADVERTISING  
MEZZANINE FLOOR  
143 SOUTH MAIN  
SALT LAKE CITY, UTAH 84111

GRANTS COORDINATOR  
STATE CLEARINGHOUSE  
116 STATE CAPITOL  
SALT LAKE CITY UTAH 84114

*Marilyn Loubser*  
\_\_\_\_\_  
April 10, 1987

Affidavit of Publication

STATE OF UTAH )  
County of Salt Lake )

*Raylene Vigil*  
Hereby certify that the attached advertisement of CAUSE NO. UIC-096 for State of Utah, Div. of Oil, Gas & Mining was published by the NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE and DESERET NEWS, daily newspapers printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County in the State of Utah.

PUBLISHED ON APR 17, 1987

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30th DAY OF APRIL 19 87

CAUSE NO. UIC-096  
BEFORE THE DIVISION OF OIL,  
GAS AND MINING  
DEPARTMENT OF NATURAL  
RESOURCES  
STATE OF UTAH

IN THE MATTER OF THE AP-  
PLICATION OF ALTA ENERGY  
CORPORATION FOR ADMINIS-  
TRATIVE APPROVAL TO  
CONVERT THE HORSESHOE  
BEND #4 WELL LOCATED IN  
SECTION 3, TOWNSHIP 7  
SOUTH, RANGE 21 EAST,  
S.L.M., UTAH COUNTY,  
UTAH TO A SALTWATER DIS-  
POSAL WELL.

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given that  
Alta Energy Corporation has  
requested administrative ap-  
proval from the Division to con-  
vert the following well to a salt-  
water disposal well:

Horseshoe Bend #4  
Section 3, Township 7 South,  
Range 21 East, S.L.M., Uintah  
County, Utah

INJECTION INTERVAL: Green  
River Formation 6,771 to 6,774  
MAXIMUM SURFACE PRES-  
SURE: 0-100 psig  
MAXIMUM WATER INJEC-  
TION RATE: 140 BWPD

Approval of this application  
will be granted unless objec-  
tions are filed with the Division  
of Oil, Gas and Mining within fif-  
teen days after publication of  
this Notice. Objections, if any,  
should be mailed to the Division  
of Oil, Gas and Mining, Atten-  
tion: UIC Program Manager, 3  
Triad Center, Suite 350, 355  
West North Temple, Salt Lake  
City, Utah 84180-1203.

DATED this 8th day of April,  
1987.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
/s/ MARJORIE L. ANDERSON  
Administrative Assistant  
V-58

CAUSE NO. UIC-096



NOTARY PUBLIC

COMMISSION EXPIRES

LEGAL ADVERTISING INVOICE

ACCOUNT NAME	AD NUMBER	TELEPHONE	
UTAH, DIV. OF OIL, GAS, & MINING	V-58	538-5340	
SCHEDULE		MISC. CHARGES	
C APR 17, 1987			
SIZE	TIMES	RATE	AD CHARGE
64 AGATE LINES	1	1.00	78.08
<b>TOTAL AMOUNT DUE</b>			<b>78.08</b>

DUE AND PAYABLE ON RECEIPT OF THIS INVOICE  
FOR BILLING INFORMATION CALL 801-237-2796

TO INSURE PROPER CREDIT

PLEASE RETURN THIS PORTION

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:

NEWSPAPER AGENCY CORPORATION

(PLEASE WRITE YOUR ACCOUNT  
NUMBER ON YOUR CHECK)

BILL TO:

ACCOUNT NUMBER	BILLING DATE
538-5340	4/30/87
AD NUMBER	PAY THIS AMOUNT
V-58	78.08

STATE OF UTAH, DIV. OF OIL, GAS & MINING  
355 WEST NORTH TEMPLE  
3 TRIAD CENTER SUITE 350  
SALT LAKE CITY, UT 84180-1203

**RECEIVED**  
APR 27 1987

DIVISION OF  
OIL, GAS & MINING

3162.3-2(a)  
U-820

April 22, 1987

Alta Energy Co.  
900 Heritage Center  
500 North Loraine  
Midland, Texas 79701

Re: Well No. 4  
SE/4 Sec. 3, T.7S., R.21E.  
Lease U-0142175  
Uintah County, Utah

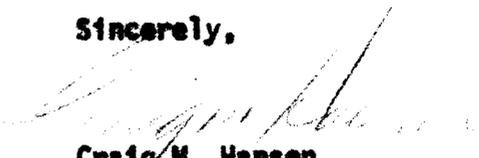
Gentlemen:

In so far as this office is concerned, from a technical standpoint, approval is hereby granted to convert the above referenced well to a water injection well. The approval is conditional upon Alta Energy adhering to the following stipulations:

1. The 2 7/8" x 5 1/2" annulus shall be filled with a corrosion inhibiting fluid and shall be pressure monitored i.e. minimum 500 PSI held on backside at all times.
2. Prior to placing Well No. 4 in an injection status and every year thereafter, a casing integrity test shall be performed. This yearly integrity test shall be witnessed by this office. Minimum 1000 PSI test will be conducted.
- and 3. A pressure limiting device shall be installed at the wellhead. This device will prevent injection pressures to exceed formation fracture pressures.

If you have any questions in this matter, contact Al McKee of this office.

Sincerely,

  
Craig M. Hansen  
ADM for Minerals

cc: State of Utah, Div. Oil, Gas, Mining

bcc: Well  
Chron  
3160  
McKee  
AMcKee:aa

143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune

DESERET NEWS

MORNING & SUNDAY

EVENING & SUNDAY

Affidavit of Publication

STATE OF UTAH }  
County of Salt Lake }

I, Raylene Vigil Hereby certify that the attached advertisement of **CAUSE NO. UIC-096** for **State OF UTAH, DIV. OF OIL, GAS & MINING** was published by the NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE and DESERET NEWS, daily newspapers printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County in the State of Utah.

PUBLISHED ON APR 17, 1987

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30th DAY OF APRIL 19 87

B. T. Davis  
NOTARY PUBLIC  
March 01, 1988  
COMMISSION EXPIRES

LEGAL ADVERTISING INVOICE

ACCOUNT NAME		AD NUMBER		TELEPHONE	
STATE OF UTAH, DIV. OF OIL, GAS, & MINING		V-58		538-5340	
CUST. REF. NO.	SCHEDULE			MISC. CHARGES	
	C APR 17, 1987				
CAPTION		SIZE	TIMES	RATE	AD CHARGE
CAUSE NO. UIC-096		64 AGATE LINES	1	1.22	78.08
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE FOR BILLING INFORMATION CALL 801-237-2796				<b>TOTAL AMOUNT DUE</b>	<b>78.08</b>

TO INSURE PROPER CREDIT

PLEASE RETURN THIS PORTION

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:

NEWSPAPER AGENCY CORPORATION  
(PLEASE WRITE YOUR ACCOUNT NUMBER ON YOUR CHECK)

BILL TO:

STATE OF UTAH, DIV. OF OIL, GAS & MINING  
35 WEST NORTH TEMPLE  
3 TRIAD CENTER SUITE 350  
SALT LAKE CITY, UT 84180-1203

ACCOUNT NUMBER	BILLING DATE
538-5340	4/30/87
AD NUMBER	PAY THIS AMOUNT
V-58	78.08

143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune

DESERET NEWS

MORNING & SUNDAY

EVENING & SUNDAY

Affidavit of Publication

STATE OF UTAH. }  
County of Salt Lake }

ss.

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PUBLISHED ON APR 17, 1987

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30th DAY OF APRIL 19 87

**RECEIVED**  
MAY 01 1987

DIVISION OF  
OIL, GAS & MINING

NOTARY PUBLIC

COMMISSION EXPIRES

LEGAL ADVERTISING INVOICE				
ACCOUNT NAME		AD NUMBER	TELEPHONE	
STATE OF UTAH, DIV. OF OIL, GAS, & MINING		V-58	538-5340	
CUST. REF. NO.	SCHEDULE		MISC. CHARGES	
	C APR 17, 1987			
CAPTION	SIZE	TIMES	RATE	AD CHARGE
CAUSE NO. UIC-096	64 AGATE LINES	1	1.22	78.08
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE FOR BILLING INFORMATION CALL 801-237-2796			<b>TOTAL AMOUNT DUE</b>	<b>78.08</b>

TO INSURE PROPER CREDIT

**PLEASE RETURN THIS PORTION**

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:

**NEWSPAPER AGENCY CORPORATION**

(PLEASE WRITE YOUR ACCOUNT  
NUMBER ON YOUR CHECK)

BILL TO:

STATE OF UTAH, DIV. OF OIL, GAS & MINING  
355WEST NORTH TEMPLE  
3 TRIAD CENTER SUITE 350  
SALT LAKE CITY, UT 84180-1203

ACCOUNT NUMBER	BILLING DATE
538-5340	4/30/87
AD NUMBER	PAY THIS AMOUNT
V-58	78.08



116 State Capitol Building  
Salt Lake City, UT 84114  
Telephone 801-533-5245

## office of planning and budget

Norman H. Bangerter, Governor Dale C. Hatch, C.P.A., J.D., Director Michael E. Christensen, Ph.D., Deputy Director

**RECEIVED**  
MAY 04 1987

**DIVISION OF  
OIL, GAS & MINING**

April 28, 1987

Gil Hunt  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

SUBJECT: Horseshoe Bend Saltwater Disposal Project  
State Application Identifier #UT870414-030

Dear Mr. Hunt:

The Resource Development Coordinating Committee of the State of Utah has reviewed this proposed action and the Utah Geological and Mineral Survey comments:

Request that DOGM give a presentation to the RDCC on their underground injection program, and in particular, the steps/analysis they go through to protect ground-water resources from contamination.

Thank you for the opportunity of reviewing this document. Please address any other questions regarding this correspondence to Carolyn Wright (801) 533-4971.

Sincerely,

*Michael E. Christensen*

Michael E. Christensen  
Deputy Director

MEC/cw



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

May 13, 1987

**051909**

Alta Energy Company  
900 Heritage Center  
500 North Loraine  
Midland, Texas 79701

Gentlemen:

RE: Horseshoe Bend #4, Section 3, Township 7 South, Range 21 East,  
S.L.M., Uintah County, Utah, UIC-096

In accordance with Rule 503(c), Oil and Gas Conservation General Rules, your application for administrative approval to inject water into the referenced well is granted.

The following actions are necessary to fully comply with this approval:

- 1) Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
- 2) Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Best regards,

Dianne R. Nielson  
Director

mfp  
7627U

RECEIVED  
JUN 08 1987

43-041-15895  
502

061111

DIVISION OF  
OIL, GAS & MINING

PUBLIC NOTICE  
CAUSE NO.  
UIC-096

**AFFIDAVIT OF PUBLICATION**

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

County of Duchesne, }  
STATE OF UTAH } ss.

IN THE MATTER OF THE  
APPLICATION OF ALTA  
ENERGY CORPORATION  
FOR ADMINISTRATIVE AP-  
PROVAL TO CONVERT THE  
HORSESHOE BEND No. 4  
WELL LOCATED IN SEC-  
TION 3, TOWNSHIP 7,  
SOUTH, RANGE 21 EAST,  
S.L.M., UINTAH COUNTY,  
UTAH TO A SALTWATER  
DISPOSAL WELL.

I, Craig Ashby on oath, say that I am the  
PUBLISHER of the Uintah Basin Standard, a weekly  
newspaper of general circulation, published at Roosevelt,  
State and County aforesaid, and that a certain notice, a  
true copy of which is hereto attached, was published in  
the full issue of such newspaper for ..... one .....  
consecutive issues, and that the first publication was on  
the ..... 15 ..... day of ..... April ..... 19<sup>87</sup>.....,  
and that the last publication of such notice was in the  
issue of such newspaper dated the ..... 15 ..... day of ..... April .....  
19<sup>87</sup>.....

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given  
that Alta Energy Corpora-  
tion has requested ad-  
ministrative approval from  
the Division to convert the  
following well to a  
saltwater disposal well:

Horseshoe Bend No. 4  
Section 3, Township 7  
South, Range 21 East,  
S.L.M. Uintah County, Utah  
INJECTION INTERVAL:  
Green River Formation  
6,771 to 6,774.

MAXIMUM SURFACE  
PRESSURE: 0-100 psig.

MAXIMUM WATER IN-  
JECTION RATE: 140 BWPD.

Approval of this ap-  
plication will be granted  
unless objections are filed  
with the Division of Oil,  
Gas and Mining within fif-  
teen days after publication  
of this Notice. Objections,  
if any, should be mailed to  
the Division of Oil, Gas  
and Mining, Attention: UIC  
Program Manager, 3 Triad  
Center, Suite 350, 355  
West North Temple, Salt  
Lake City, Utah  
84180-1203

DATED this 8th day of  
April, 1987.

*Craig Ashby*  
.....  
Subscribed and sworn to before me this  
*5<sup>th</sup>* day of ..... *June* ..... 19<sup>87</sup>.....  
*Paul J. Crozier*  
.....  
Notary Public.

MY COMMISSION EXPIRES MARCH 1, 1991

My commission expires ..... 19.....

Publication fee, \$.....

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
MARJORIE L. ANDERSON  
Administrative Assistant  
Published in the Uintah  
Basin Standard April 15,  
1987.

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

5. LEASE DESIGNATION AND SERIAL NO.  
UIC-096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Horseshoe Bend

9. WELL NO.  
4

10. FIELD AND POOL, OR WILDCAT  
Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND  
SUBST. OR ASSA  
Sec. 3, T-7-S, R-21-E SLM

12. COUNTY OR PARISH  
Uintah

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.)

**RECEIVED**  
AUG 15 1988

1. OIL WELL  GAS WELL  OTHER  Approved Disposal Well

2. NAME OF OPERATOR  
Alta Energy Corporation

3. ADDRESS OF OPERATOR  
415 West Wall, Suite 1810, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
Sec. 3, T-7-S, R-21-E S.L.M. SW/4 SE/4 NW/4

14. PERMIT NO.  
43-047-15802

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4974' BR

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) _____	

(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.)\*

Request for approval to run injectivity test. The test will consist of injecting 500-1000 barrels of produced water at 1500# pressure. Test to be initiated by August 16, 1988.

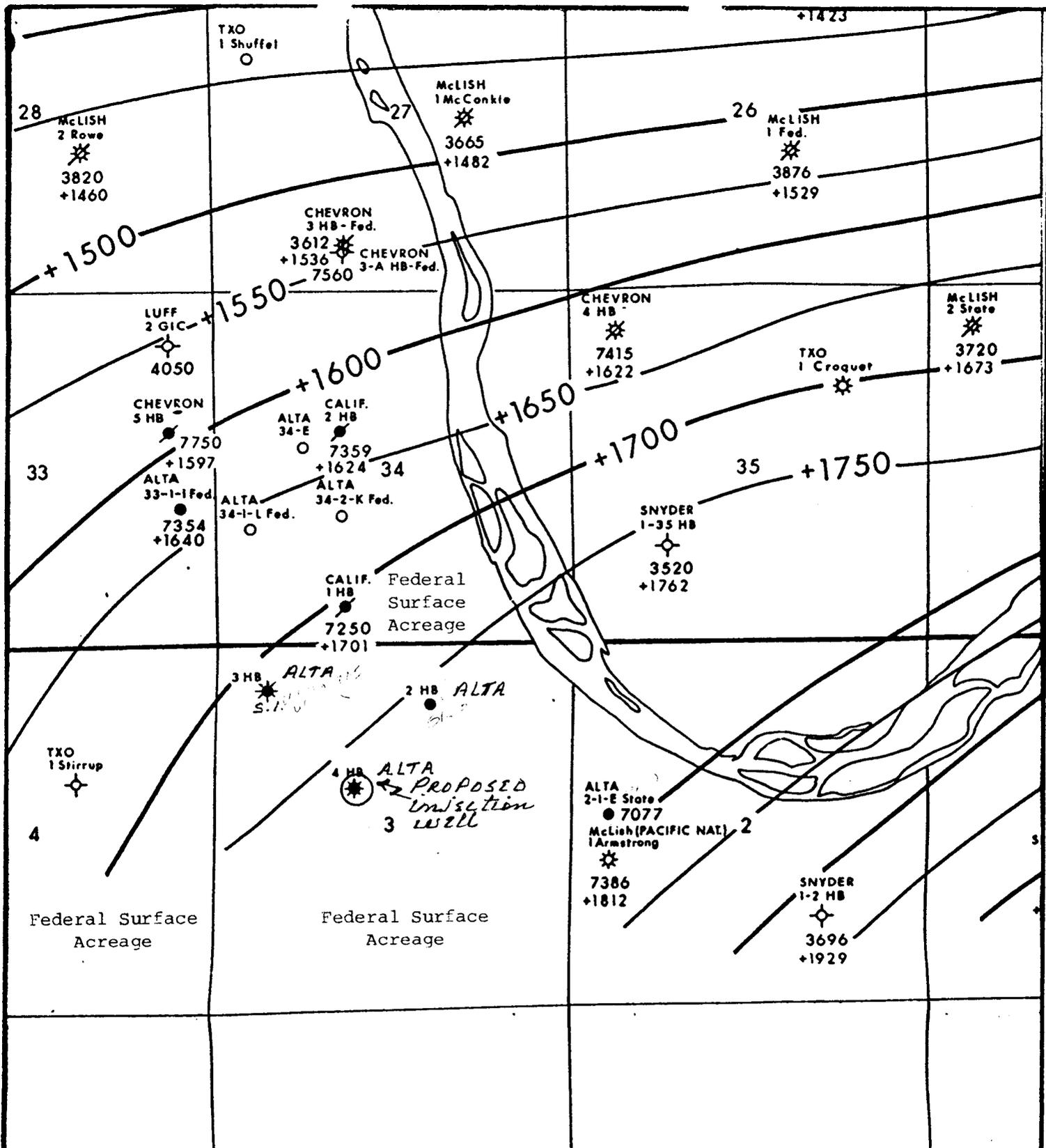
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 8-16-88  
BY: [Signature]

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

SIGNED [Signature] TITLE Operations Manager DATE 8/10/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



500 NORTH LORAIN		<b>Alta</b>	MIDLAND, TEXAS
Horseshoe Bend Area			
<i>1" = 2000'</i>			
PROSPECT NO.	DATE: 3/87		
COUNTY: Uintah	STATE: Utah		

9

10

LOMAX  
13-10 Brennan Fed.  
\*

Federal Surface  
Acreage

Federal Surface  
Acreage

Federal  
Surface  
Acreage  
7250  
+1701

3 HB ALTA  
S.I.V.  
2 HB ALTA  
4 HB ALTA  
PROPOSED  
Injection  
Well

ALTA  
2-1-E State  
7077  
McLish (PACIFIC NAT.)  
1 Armstrong  
7386  
+1812

SNYDER  
1-2 HB  
3696  
+1929

SNYDER  
1-35 HB  
3520  
+1762

TXO  
1 Croquet  
\*

McLISH  
2 State  
3720  
+1673

CHEVRON  
4 HB  
7415  
+1622

LUFF  
2 GIC  
4050

CHEVRON  
5 HB  
7750  
+1597

ALTA  
33-1-I Fed.  
7354  
+1640

ALTA  
34-1-L Fed.  
\*

CALIF.  
2 HB  
7359  
+1624

ALTA  
34-2-K Fed.  
\*

CHEVRON  
3 HB-Fed.  
3612  
+1536  
CHEVRON  
3-A HB-Fed.  
7560

McLISH  
1 McConkie  
3665  
+1482

McLISH  
1 Fed.  
3876  
+1529

McLISH  
2 Rowe  
3820  
+1460

TXO  
1 Shuffel  
\*

+1423

28

27

26

33

34

35

4

5

9

10

+1500

+1550

+1600

+1650

+1700

+1750

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD:  
WELL: STATE 2-1-E  
ML 38354  
2475' FNL 525' FWL  
SEC. 2 T-7-S, R-21-E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

CHEMICAL ANALYSIS

CHEMICAL COMPONENT

CHLORIDE (Cl)	20,000
TOTAL HARDNESS (CaCO <sub>3</sub> )	600
CALCIUM (Ca)	80
MAGNESIUM (Mg)	97.2
SULFATE (SO <sub>4</sub> )	250
pH	9.7
TOTAL DISSOLVED SOLIDS	40,000

*DAILY WATER PRODUCTION -- 5 barrels*

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION  
VERNAL, UTAH 84078

WATER ANALYSIS REPORT

FIELD: HORSESHOE BEND  
WELL: # 2  
U-0142175  
878' FNL 2111' FEL  
SEC. 3 T-7-S, R-21 - E

COUNTY: UINTAH  
STATE: UTAH  
SAMPLE DATE: 1/5/87  
DATE REPORTED: 1/7/87

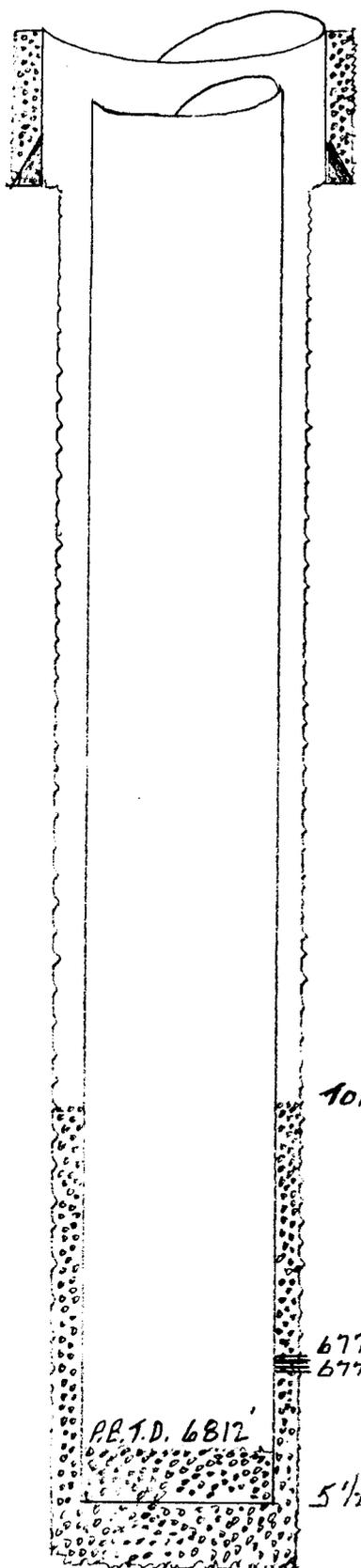
CHEMICAL ANALYSIS

CHEMICAL COMPONENT	
CHLORIDE (Cl)	92000
TOTAL HARDNESS (CaCO <sub>3</sub> )	400
CALCIUM (Ca)	80
MAGNESIUM (Mg)	48.6
SULFATE (SO <sub>4</sub> )	125
pH	10.3
TOTAL DISSOLVED SOLIDS	200,000

ANALYSIS BY: A J ROSE  
LAB TECHNICIAN

ALTA ENERGY CORPORATION

# HORSESHOE BEND No. 4



Cement to SURFACE

9 5/8" O.D., H-40, 32.3 # CSG @ 211'

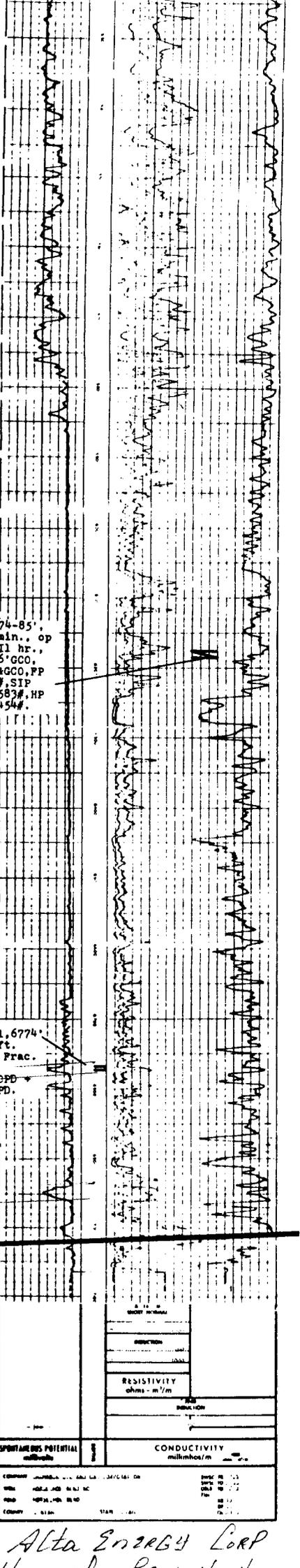
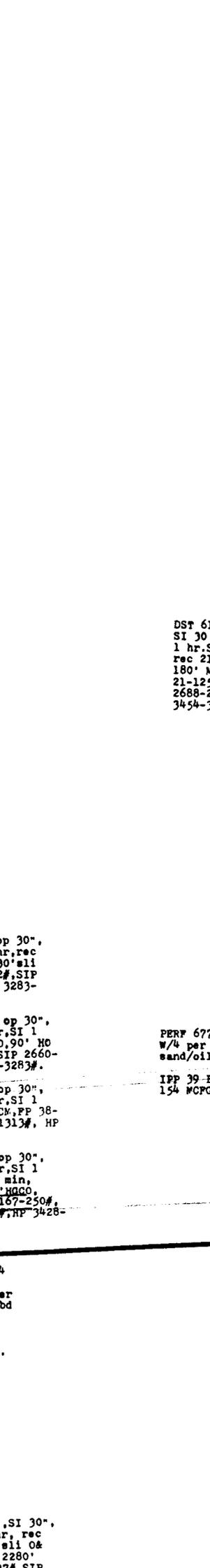
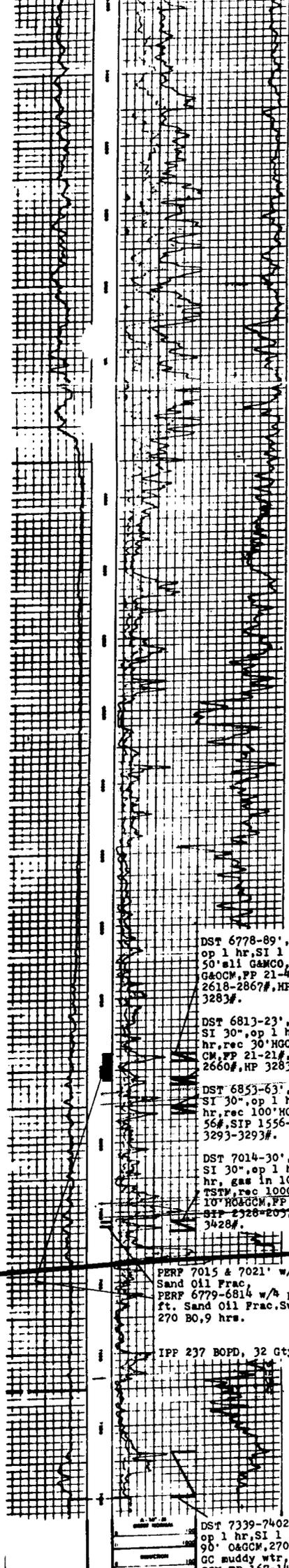
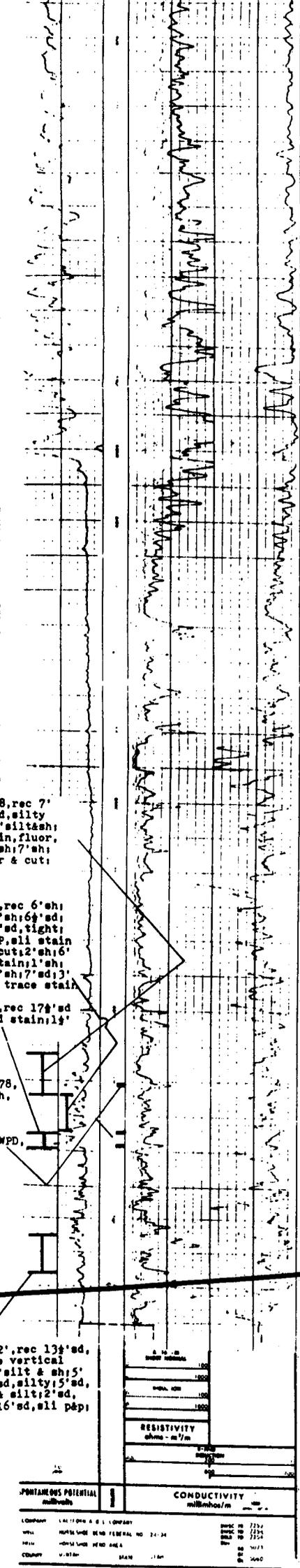
TOP of Cement @ 5881'

6771' PERFORATIONS  
6774'

P.E.T.D. 6812'

5 1/2" O.D., 15.5 #, LT-55 CSG @ 6894 w/150 SKs cement

T.D. 7073'



SPONTANEOUS POTENTIAL		CONDUCTIVITY	
mV/m		mhos/m	
DATE	TIME	WELL	DEPTH

SPONTANEOUS POTENTIAL		CONDUCTIVITY	
mV/m		mhos/m	
DATE	TIME	WELL	DEPTH

SPONTANEOUS POTENTIAL		CONDUCTIVITY	
mV/m		mhos/m	
DATE	TIME	WELL	DEPTH

Alta Energy Corp  
Horseshoe Bend No. 2

Alta Energy Corp  
Horseshoe Bend No. 4

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-0142175

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

42-047-15802

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah Co., Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Nephi City

3. Address and Telephone No.

21 East 100 North, Nephi, Utah 84648 623-0822

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

Township 7 South, Range 21 East  
Section 3: Lots 3, 4, S/2NW/4  
Uintah Co., Utah

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other change owner & operator  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

13. 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.)\*

Please be advised that Nephi City is considered to be the operator of Well No. Horseshoe Bend 3,4; Lots 3, 4, S/2NW/4, Section 3, Township 7 South, Range 21 East, Lease No. U-0142175; Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by a letter of credit.

**RECEIVED**

MAR 03 1993

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature] Title Mayor Date 11-18-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

H3 #3

FORM APPROVED  
OMB NO. 1004-0034  
Expires: July 31, 1992

**TRANSFER OF OPERATING RIGHTS (SUBLEASE) IN A  
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES**

Lease Serial No.  
U-0142175

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)  
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)  
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)  
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Type or print plainly in ink and sign in ink.

PART A: TRANSFER

1. Transferee (Sublessee)\*  
Street Nephi City  
City, State, ZIP Code 21 East 100 North  
Nephi, Utah 84648

\*If more than one transferee, check here  and list the name(s) and address(es) of all additional transferees on the reverse of this form or on a separate attached sheet of paper.

This transfer is for: (Check one)  Oil and Gas Lease, or  Geothermal Lease

Interest conveyed: (Check one or both, as appropriate)  Operating Rights (sublease)  Overriding Royalty, payment out of production or other similar interests or payments

2. This transfer (sublease) conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
	b	c	d	e	f
Township 7 South - Range 21 East Section 3: Lots 3, 4, S/2NW/4  Uintah Co., UT  Containing 162.96 acres, more or less	91.4%	91.4%	-0-	-0-	11.5%

**RECEIVED**  
MAR 03 1993  
DIVISION OF  
OIL GAS & MINING

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

THE UNITED STATES OF AMERICA

This transfer is approved solely for administrative purposes. Approval does not warrant that either party to this transfer holds legal or equitable title to this lease.

Transfer approved effective \_\_\_\_\_

By \_\_\_\_\_  
(Authorized Officer)

\_\_\_\_\_  
(Title) (Date)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

SUBMIT IN TRIPLICATE

APR 14 1993

5. Lease Designation and Serial No.  
U-0142175

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Horseshoe Bend #3 & #4

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
Uintah Co., Utah

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Nephi City

3. Address and Telephone No.  
21 East 100 North, Nephi, Utah 84648

623-0822

DIVISION OF  
OIL GAS & MINING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Township 7 South, Range 21 East  
Section 3: Lots 3, 4, S/2NW/4  
Uintah Co., Utah

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

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

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

13. 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.)\*

Please be advised that Nephi City is considered to be the operator of Well No. Horseshoe Bend 3, 4; Lots 3, 4, S/2NW/4, Section 3, Township 7 South, Range 21 East, Lease No. U-0142175; Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by a letter of credit.

COPY

VERNAL DIST.  
ENG. 22 4493  
GEOL. \_\_\_\_\_  
E.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_

RECEIVED  
DEC 2 1992

14. I hereby certify that the foregoing is true and correct.  
Signed Robert L. Heels Title Mayor Date 11-18-92

(This space for Federal or State office use)  
Approved by [Signature] Title ASSISTANT DISTRICT MANAGER MINERALS Date APR 13 1993

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
UIC-096

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Horseshoe Bend #4

9. API Well No.  
43-047-15802

10. Field and Pool, or Exploratory Area  
Horseshoe Bend

11. County or Parish, State  
Hintah Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other Approved Disposal Well

2. Name of Operator  
Alta Energy Corporation

3. Address and Telephone No.  
410 - 17th Street, Suite 430, Denver, CO 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW/4 SE/4 NW/4 Sec. 3-T7S-R21E

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

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

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

13. 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.)\*

Alta Energy Corporation is the successor operator for the referenced well effective 12/31/92.

All liability will now fall under Alta's bond, BLM Bond No. UT0032, for all operations conducted on the referenced well on the leased land.

**RECEIVED**  
FEB 17 1994  
DIVISION OF  
OIL, GAS & MINING

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

Signed Alta Butzen Title Engineering Technician Date 2/4/94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File Horseshoe Bend #4

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
Opn. File

(Location) Sec 3 Twp 75 Rng 21E  
(API No.) 43-047-15802

1. Date of Phone Call: 3-3-93 Time: 9:30

2. DOGM Employee (name) J. Cordova (Initiated Call   
Talked to:  
Name Johann Butzer (Initiated Call  - Phone No. (303) 825-0714  
of (Company/Organization) Alta Energy

3. Topic of Conversation: Req. oper. chg. sundry.

4. Highlights of Conversation:  
Sale of well not finalized, will submit doc. when finalized.  
\* 930421 / Alta - Req. doc. "Btm Approved 4-13-93". Not final per Alta.  
\* 930708 / Alta - Problems w/ spacing "Not finalized: (Keston Barker)  
\* 931108 / "  
\* 940204 / Alta (Johann Butzer) - Sale never went through - Alta submitting  
doc. to Btm/Kernal to chg. well from "Nephi back to Alta". Should not  
have chg.'d to Nephi back in April 93'.



**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

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)

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE TRANSMISSION COVER SHEET

DATE: April 21, 1993  
 FAX #: (303) 629-6741  
 ATTN: Rhonda Dicmer  
 COMPANY: Alta Energy Corp.  
 FROM: Lisha Cordova  
 DEPARTMENT: Div. of Oil, Gas & Mining  
 NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 2

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.

We are sending from a Murata facsimile Machine. Our telecopier number is (801) 359-3940.

MESSAGES:

I will not change operator until we receive a sundry  
notice from your company. Any questions, please call!  
(Faxed copy of btm approval dated 4-13-93)



**ENTITY REVIEW**

- 1. (Rule R615-8-7) 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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- 1. (Rule R615-3-1) 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 operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 1994. If yes, division response was made by letter dated \_\_\_\_\_ 1994.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

- 1. All attachments to this form have been microfilmed. Date: 4-18 1994.

**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 have been filed in the Operator Change file.

**COMMENTS**

940412 Btm/Vernal - Approved "from Nephi back to Alta". Mailing Btm Approval.  
(Doem never chg'd to Nephi City - Doc for records purposes only.)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	<del>LEC 7-SJ</del>
2	<del>DTG 8-FILE</del>
3	<del>VLC</del>
4	<del>RJP</del>
5	<del>LS</del>
6	PL

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 DATE: N/A (SEE PHONE DOC))

TO (new operator)	<u>ALTA ENERGY CORPORATION</u>	FROM (former operator)	<u>ALTA ENERGY CORPORATION</u>
(address)	<u>410 17TH ST STE 430</u>	(address)	<u>410 17TH ST STE 430</u>
	<u>DENVER CO 80202</u>		<u>DENVER CO 80202</u>
	<u>JOANN BUTZEN</u>		<u>JOANN BUTZEN</u>
phone ( 303 )	<u>825-0714</u>		<u>825-0714</u>
account no.	<u>N 9540</u>		<u>N 9540</u>
	<u>NEPHI CITY/N3425</u>		<u>NEPHI CITY UT 84648</u>
	<u>21 E 100 N</u>		<u>RANDY ANDERSON</u>
	<u>623-4914</u>		

Well(s) (attach additional page if needed):

Name:	<u>HORSESHOE BEND #4/GRRV</u>	API:	<u>43-047-15802</u>	Entity:	<u>1315</u>	Sec	<u>3</u>	Twp	<u>7S</u>	Rng	<u>21E</u>	Lease	Type:	<u>U0142175</u>
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Phone Doc)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Phone Doc) (Sundry dated 2-4-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is 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 (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- N/A 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- N/A 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above.
- N/A 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- N/A 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.

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

RECEIVED  
BLM  
VERNAL, UT

5. Lease Designation and Serial No.  
**UIC-096 u-014275**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Horseshoe Bend #4**

9. API Well No.  
**43-047-15802**

10. Field and Pool, or Exploratory Area  
**Horseshoe Bend**

11. County or Parish, State  
**Uintah Co., UT**

1. Type of Well  
 Oil Well     Gas Well     Other **Approved Disposal Well**

2. Name of Operator  
**Alta Energy Corporation**

3. Address and Telephone No.  
**410 - 17th Street, Suite 430, Denver, CO 80202**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SW/4 SE/4 NW/4 Sec. 3-T7S-R21E**

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

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

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

**13. 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.)\***

Alta Energy Corporation is the successor operator for the referenced well effective 12/31/92.

All liability will now fall under Alta's bond, BLM Bond No. UT0032, for all operations conducted on the referenced well on the leased land.

**VERNAL DIST.**  
 ENG. **WTP 2/24/94**  
 GEOL. \_\_\_\_\_  
 E.S. \_\_\_\_\_  
 PET. \_\_\_\_\_  
 A.M. \_\_\_\_\_

FEB 07 1994

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

Signed **[Signature]** Title **Engineering Technician** Date **2/4/94**

(This space for Federal or State office use)

Approved by **[Signature]** Title **ASSISTANT DISTRICT MANAGER MINERALS** Date **MAR 30 1994**

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

**devon**

**ENERGY CORPORATION**

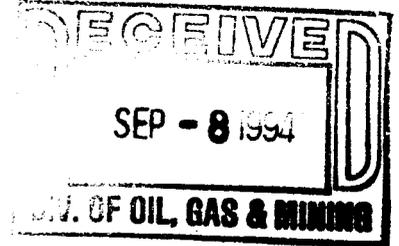
20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone 405/235-3611  
FAX 405/552-4550

September 2, 1994

**Certified Mail No. Z 147 280 916**

STATE OF UTAH  
Department of Natural Resources  
Division of State Lands and Forestry  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203



Attention: Lisha Cordova

**RE: Form 9**

Merger of Alta Energy Corporation to Devon Energy Operating Corporation

Gentlemen:

Enclosed please find Forms 9, submitted for wells in Uintah and Duchesne Counties, previously operated by Alta Energy Corporation.

Please direct inquiries concerning this matter to Tom Pepper at (405) 235-3611, X4513.

Yours truly,

**DEVON ENERGY OPERATING CORPORATION**

*Candace R. Graham*

Candace R. Graham  
Engineering Tech

/cg

Enclosures

copy: BLM in Salt Lake City, TP, Foreman, files

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SEP - 8

**SUNDRY NOTICES AND REPORTS ON WELLS, GAS & MINING**

5. Lease Designation and Serial Number:

U-0142175

6. If Indian, Allocated or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

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 proposals.

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:

Horseshoe Bend #4

2. Name of Operator:

Devon Energy Operating Corporation (Oper. No. N-5060)

9. API Well Number:

43-047-15802

3. Address and Telephone Number:

20 North Broadway, Ste 1500, Oklahoma City, OK. 73102

10. Field and Pool, or Wildcat:

Horseshoe Bend (GR)

4. Location of Well

Footages: 2066' FNL & 1971' FWL

County: Uintah

QQ, Sec., T., R., M.: Sec. 3-T7S-R21E, S.L.B.&M. (SE NW)

State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <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"/> Reperforate          |
| <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 _____               |   |

Approximate date work will start \_\_\_\_\_

**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"/> Reperforate          |
| <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 <u>Change of Operator</u> |   |

Date of work completion \_\_\_\_\_

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.)

Alta Energy Corporation merged into Devon Energy Operating Corporation effective May 18, 1994.

Effective 04-30-94 for reporting and production date cut-off purposes for State and MMS.

13.

Name & Signature:

*Gerald T. Pepper*

GERALD T. PEPPER  
DISTRICT ENGINEER

Title:

Date:

09-02-94  
/cg

(This space for State use only)

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1	
To	LISHA CORDOVA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM - UTAH
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

3100  
SL-065819 et al  
(UT-920)

AUG 30 1994

DECISION

Devon Energy Operating Corporation : Oil and Gas  
20 North Broadway, Suite 1500 : SL-065819 et al  
Oklahoma City, OK 73102-8260 :

Corporate Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Alta Energy Corporation into Devon Energy Operating Corporation with Devon Energy Operating Corporation being the surviving entity.

The following oil and gas lease files have been noted to reflect the merger.

SL-065819	U-28212	U-44429
U-0647	U-28213	U-49530
U-0670A	U-30289	U-50687
U-015988A	U-31736	U-52298
U-075939	U-37116	U-53861
U-0142175	U-42469	UTU-69031
U-7386	U-44426	UTU-72677
U-13364		

Bond No. 30S100753026-34, with Aetna Casualty and Surety Company as surety, has been submitted to the Colorado State Office for approval. When accepted, the bond will also cover Devon Energy Operating Corporation in the state of Utah.

/s/ ROBERT LOPEZ

Chief, Minerals  
Adjudication Section

bc: Vernal District Office  
MMS-Rental Status (Attn: Shirley Malone)  
MMS-Royalty Management Program (Attn: Richard Richards)  
UT-920 (Attn: Dianne Wright)  
UT-922 (Attn: Teresa Thompson)

CMerritt:dab 08/30/94 (DEVONEN)

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
Bond File \_\_\_\_\_  
Oper. File \_\_\_\_\_

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 6-22-94 Time: 3:52

2. DOGM Employee (name) J. Cordova (Initiated Call   
Talked to:

Name Charlene Newkirk (Initiated Call  - Phone No. (405) 235-3611  
of (Company/Organization) Devon Energy Corp.

3. Topic of Conversation: Merger "Alta Energy Corp & Devon Energy Oper. Corp."  
Also, Bond No. 305100753026-30 / 80,000.  
(provided for Fed., St., & Fee wells)

4. Highlights of Conversation: \_\_\_\_\_

\* msg - answering machine  
\* 9/40/23 - Charlene Newkirk "Devon", referred to St. lands for bonding  
wells on St. minerals & for merger of companies, also referred to Bha/Kernal  
for bonding wells on fed. minerals & merger. She req. that DOGM return  
the 80,000 bond listed above, so that they may replace w/ 40,000 (2) wells  
as req. (They do not plan to drill any new wells on fee lands nor purchase  
any wells on fee lands in the near future.)

\* Dept. of Commerce - Reg. eff. 5/94, # 160297

OFFICE OF THE SECRETARY OF STATE



**MERGER CERTIFICATE**

*I, the undersigned Secretary of State of the State of Oklahoma, do hereby certify that I am by the laws of said State the custodian of the records of the State of Oklahoma relating to the right of corporations to transact business in this State, and am the proper officer to execute this certificate.*

*I FURTHER CERTIFY that Certificate of Merger was filed in this office on the 18th day of May, 1994, by and between the following corporations:*

**ALTA ENERGY CORPORATION**  
*Delaware Corporation*

*merged into*

**DEVON ENERGY OPERATING CORPORATION**  
*Oklahoma*  
*survivor*

*I FURTHER CERTIFY that DEVON ENERGY OPERATING CORPORATION, has paid the fees due this office and is a corporation in good standing according to our records of the date of this certificate.*

*IN TESTIMONY WHEREOF, I hereunto set my hand and affixed the Great Seal of the State of Oklahoma.*



*Done at the City of Oklahoma City this 2nd day of June,  
A.D. 1994.*

*[Signature]*  
Secretary of State

By: *[Signature]*

ENTITY REVIEW

- Lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

*\*st. leases #25,000 # 305100753026-28 (Bond Incr. in Progress)*

- Lee* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *#40,000 # 305100753026-30 "The Aetna-Casualty and Surety Co."*
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon compl. of routing.*
- Lee* 3. The former operator has requested a release of liability from their bond (yes no) \_\_\_\_ . Today's date Aug. 19, 1994. If yes, division response was made by letter dated Oct. 5, 1994. *(See Bond File)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Lee* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases. *ETS 10-17-94 No State Wells Highlighed*

FILMING

- Lee* 1. All attachments to this form have been microfilmed. Date: October 24 1994.

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 have been filed in the Operator Change file.

COMMENTS

*941004 Bm/s.Y. Apr. 8-30-94.*

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1. LWP 7-PL	✓
2. LWP 8-SJ	✓
3. DTS 9-FILE	✓
4. VLC	✓
5. RJF	✓
6. LWP	✓

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 DATE: 5-18-94 (MERGER))

TO (new operator)	<u>DEVON ENERGY OPERATING CORP.</u>	FROM (former operator)	<u>ALTA ENERGY CORP.</u>
(address)	<u>20 N BROADWAY STE 1500</u>	(address)	<u>410 17TH ST STE 430</u>
	<u>OKLAHOMA CITY OK 73102-8260</u>		<u>DENVER CO 80202</u>
	<u>CHRIS SAMMONS</u>		<u>JOANN BUTZEN</u>
	phone <u>(405) 552-4732</u>		phone <u>(303) 825-0714</u>
	account no. <u>N 5060 (7-12-94)</u>		account no. <u>N 9540</u>

**\*7/29/94 C/O DEVON ENERGY**

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>047-15802</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see merger certificate)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-20-94) (Rec'd 6-29-94)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #160297 . d. 5/94
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-4-94)*
- LWP 6. Cardex file has been updated for each well listed above. *10-14-94*
- LWP 7. Well file labels have been updated for each well listed above. *10-14-94*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-4-94)*
- See 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.

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOANN BUTZEN  
 ALTA ENERGY CORP  
 410 17TH ST STE 430  
 DENVER CO 80202

UTAH ACCOUNT NUMBER: N9540

REPORT PERIOD (MONTH/YEAR): 5 / 94

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK ST 33-16 4301330640	00440	09S 16E 16	GRRV			ML-16532		
✓ CASTLE PK ST 32-16 4301330650	00445	09S 16E 16	GRRV			"		
✓ HORSESHOE BEND #4 4304715802	01315	07S 21E 3	GRRV			U-0142175		
✓ FEDERAL #21-1-P 4304731647	01316	06S 21E 21	SESE UNTA			U-30289	(U7080949-86C701)	
✓ UTAH FEDERAL "D" #4 4304731215	09297	07S 24E 14	GRRV	TA		SL-065819	Nephi City (separate chg)	
✓ STIRRUP #32-1-J 4304731646	09614	06S 21E 32	GRRV			ML-40226		
✓ FEDERAL 33-1-1 4304731468	09615	06S 21E 33	GRRV			U-28212		
✓ FEDERAL #33-2-B 4304731621	09616	06S 21E 33	GRRV			U-28212 ✓		
✓ HORSESHOE BEND 36-1-P 4304731482	09815	06S 21E 36	UNTA			ML-33225		
✓ STATE 2-1-E 4304731553	10195	07S 21E 2	UNTA			ML-38354	(6/94 Alta Key 4 hrs well)	
✓ FEDERAL #4-1-D 4304731693	10196	07S 21E 4	NW1/4 GRRV			U-42469 ✓	(U7068634)	
✓ STATE 16-2-N 4301331094	10199	09S 16E 16	GRRV			ML-16532		
✓ STATE 16-1-0 4301331022	10200	09S 16E 16	GRRV			ML-16532		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



Snyder Oil Corporation

1625 Broadway  
Suite 2200  
Denver, CO 80202  
303/592-8500  
Fax 303/592-8600

December 13, 1994

Lisha Cordova  
State of Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Notice of Change of Operator

Dear Lisha:

Please find Sundry Notices for change of operator from Devon Energy Corporation to Snyder Oil Corporation effective 10-28-94 for the following wells:

Horseshoe Bend #3	Sec. 3, T7S R21E
Horseshoe Bend #4	Sec. 3, T7S R21E
Horseshoe Bend 34-E	Sec. 34 T6S R21E
State 2-1E	Sec. 2, T7S R21E
Federal 4-2-F	Sec. 4, T7S R21E
Federal 15-1-B	Sec. 15, T9S R17E
Federal 33-1-I	Sec. 33, T6S R21E
Federal 33-2-B	Sec. 33, T6S R21E
Federal 33-4-D	Sec. 33, T6S R21E
Federal 34-2-K	Sec. 34, T6S R21E
Cotton Club #1	Sec. 31, T6S R21E

If you have any questions or require further explanation please do not hesitate to call.

Sincerely,

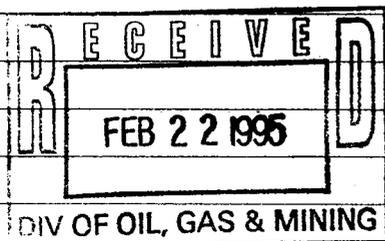
Jim McKinney,  
Reservoir Engineering Technician

Leisha -

2/21/95

We didn't have sundries to send you, but we changed "Alta Energy" to "Devon Operating."

Specifically: U+SL-065819, Well #4  
API # 43-047-31215 Sec. 14, T. 7S, R. 24E



U-42469, Well #4-1D  
API # 43-047-31693 Sec. 4, T. 7S, R. 21E

U-30289, Well #21-1-P  
API # 43-047-31647 Sec. 21, T. 6S, R. 21E

U-0142175, Well #4  
API # 43-047-15802 Sec. 3, T. 7S, R. 21E

Fee Well #30-1H  
API # 43-047-31588 Sec. 30, T. 6S, R. 21E

If you need any more info, let me know.

Thanks,

Pat

Vernal BLM

4052354238  
SENT BY:

2-27-95 3:38PM :

DEVON ENERGY-

801 359 3940:# 2/ 4

**DEVON  
ENERGY OPERATING  
CORPORATION**

20 NORTH BROADWAY, SUITE 1500  
OKLAHOMA CITY, OKLAHOMA 73102

405/235-3611  
FAX: 405/552-4550

February 27, 1995

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Lisha Cordova

Re: Change of Operator

Dear Lisha:

All wells formerly operated by Devon Energy Operating Corporation #N5060 was sold to :

**Snyder Oil Corporation  
1625 Broadway, Suite 2200  
Denver, CO 80202**

Devon Energy Operating Corporation operated till November 1, 1995. Attached is the Monthly Oil and Gas Production Report that reflects all the wells, well numbers, API codes and locations.

If you need anything further, please let me know. My direct phone number is 405-552-4732.

Sincerely,

DEVON ENERGY OPERATING CORP.

  
Christell O. Sammons  
Production Coordinator

enc.

**DEVON ENERGY CORPORATION (NEVADA) FACSIMILE TRANSMISSION**  
**20 NORTH BROADWAY, SUITE 1500**  
**OKLAHOMA CITY, OK 73102-8260**  
**OFFICE (405) 235-3611**

**Xerox 7033 (405) 552-4550**  
**Monroe MX-3600 (405) 552-4552**

DATE: 2-27-95

TO: Lisha Condova

COMPANY: Devon Energy Operating Corporation

TELECOPIER #: 801-359-3940

OFFICE #: 801-538-5340

FROM: Christie Simmons  
**DEVON ENERGY CORPORATION (NEVADA)**

NUMBER OF PAGES FOLLOWING: 3

TRANSMISSION COMPLETED: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals.

5. Lease Designation and Serial No.  
**U-0142175**

6. Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**Horseshoe Bend #4**

9. API Well No.  
**43-047-1580200**

10. Field and Pool, or Exploratory Area  
**Horseshoe Bend**

11. County or Parish, State  
**Uintah, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**SNYDER OIL CORPORATION**

3. Address and Telephone No.  
**1625 BROADWAY, SUITE 2200, DENVER, CO. 80202 (303) 592-8500**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2066' FNL, 1971' FWL SENW Sec. 3, T7S R21E**

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

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

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

13. 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.)\*

Snyder Oil Corporation acquired Devon Energy Operating Corporation's interest effective 10-28-94 and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by bond #582488.

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

Signed Jim McKinney Title Engineering Technician Date 13-Feb-95

(This space for Federal or State office use)

Approved by HOWARD B. CLEAVINGER II Title ASSISTANT DISTRICT MANAGER (MINERALS) Date MAR 27 1995

Conditions of approval, if any:

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

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-PL	✓
2-LWP	8-SJ	✓
3- <del>PL</del>	9-FILE	✓
4-VLC		✓
5-RJF		✓
6-LWP		✓

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 DATE: 10-28-94)

TO (new operator)	<u>SNYDER OIL CORPORATION</u>	FROM (former operator)	<u>DEVON ENERGY OPER CORP</u>
(address)	<u>PO BOX 129</u>	(address)	<u>20 N BROADWAY STE 1500</u>
	<u>BAGGS WY 82321</u>		<u>OKLAHOMA CITY OK 73102-8260</u>
			<u>CHRIS SAMMONS</u>
	phone <u>(307 ) 383-2800</u>		phone <u>(405 ) 552-4732</u>
	account no. <u>N 1305</u>		account no. <u>N 5060</u>

Well(s) (attach additional page if needed):

Name:	<u>HORSESHOE BEND 4/GRRV</u>	API:	<u>43-047-15802</u>	Entity:	<u>1315</u>	Sec:	<u>3</u>	Twp:	<u>7S</u>	Rng:	<u>21E</u>	Lease Type:	<u>U0142175</u>
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec:	_____	Twp:	_____	Rng:	_____	Lease Type:	_____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-27-95)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 12/94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is 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 (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-30-95)*
- lec 6. Cardex file has been updated for each well listed above. *4-2-95*
- WP 7. Well file labels have been updated for each well listed above. *4-2-95*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-30-95)*
- 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**

- J*  
*N/A* 1. (Rule R615-8-7) 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. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- N/A*  
*1/3/95* 1. (Rule R615-3-1) 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 operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A*  
*OTS*  
*4/3/95* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

**FILMING**

1. All attachments to this form have been microfilmed. Date: April 5 19 95.

**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 have been filed in the Operator Change file.

**COMMENTS**

*950330 B/m/Wernal Aprv. 3-27-95.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-0142175**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.  
**Horseshoe Bend #4**

2. Name of Operator

**SNYDER OIL CORPORATION**

9. API Well No.  
**43-047-1580200**

3. Address and Telephone No.

**P. O. Box 695, Vernal, UT 84078    801/789-0323**

10. Field and Pool, or Exploratory Area  
**Horseshoe Bend**

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

**2066' FNL 1971' FWL SENW Section 3, T7S, R21E**

11. County or Parish, State

**Uintah County, Utah**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **TA Status**

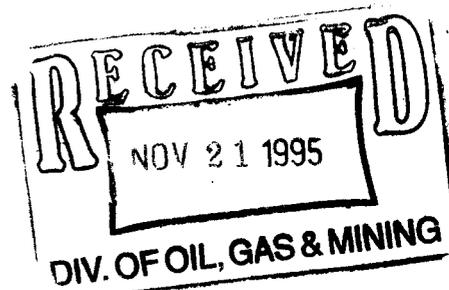
Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

13. 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.)\*

Snyder Oil Corporation requests approval to place the above referenced well on TA status as the well is uneconomic.

Snyder has plans to convert the Horseshoe Bend #4 to a water injection well in the future.



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

Signed Lucy Nemeec  
Lucy Nemeec

Title Senior Clerk

Date 05-Nov-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-0142175</b>	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <b>Snyder Oil Corporation</b>		8. FARM OR LEASE NAME <b>Horseshoe Bend</b>	
3. ADDRESS OF OPERATOR <b>1625 Broadway, Suite 2200 Denver, CO 80202 303-592-8668</b>		9. WELL NO. <b>4</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>2066' FNL &amp; 1971' FWL SE/NW</b>		10. FIELD AND POOL, OR WILDCAT  <b>Horseshoe Bend</b>	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 3-T07S-R21E</b>	
14. API NUMBER <b>43-047-15802</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4988 GR</b>	12. COUNTY OR PARISH <b>Uintah</b>	13. STATE <b>Utah</b>

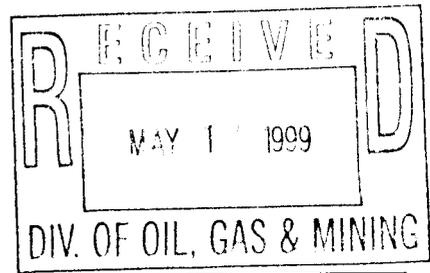
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

<p>NOTICE OF INTENTION TO:</p> <table style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(OTHER) <b>Response to DNR letter of 2/19/99</b></td> <td><input checked="" type="checkbox"/></td> </tr> </table>	TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <b>Response to DNR letter of 2/19/99</b>	<input checked="" type="checkbox"/>	<p>SUBSEQUENT REPORT OF:</p> <table style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(OTHER) _____</td> <td><input type="checkbox"/></td> </tr> </table> <p><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></p>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(OTHER) _____	<input type="checkbox"/>
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>																		
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>																		
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>																		
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>																		
(OTHER) <b>Response to DNR letter of 2/19/99</b>	<input checked="" type="checkbox"/>																		
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FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																		
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																		
(OTHER) _____	<input type="checkbox"/>																		

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.)"

Snyder Oil Corporation is evaluating the behind pipe potential of the subject wellbore in the Uinta "B" formation. Pressure measurements were taken in April 1999. The results are as follows:  
 Bradenhead = 0 psi; Tubing = 0 psi; Casing = 340 psi  
 Snyder believes the well has mechanical integrity; since, the casing and bradenhead pressure differ. (See attached wellbore diagram.)

Snyder Oil Corporation requests an extension of the current well status.



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

SIGNED: *Rhonda Sobolik* TITLE: Sr. Regulatory Specialist DATE: 5/9/99

(This space for Federal or State Office Use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Accepted by the  
Utah Division of  
Oil, Gas and Mining

\* See Instructions On Reverse Side

COPY SENT TO OPERATOR  
MAY 26 1999  
C.H.P.

Date: 5-19-99  
By: RTG

# Well: Horseshoe Bend #4

SE NW Sec 3, T7S-R21E  
Uintah County, UT

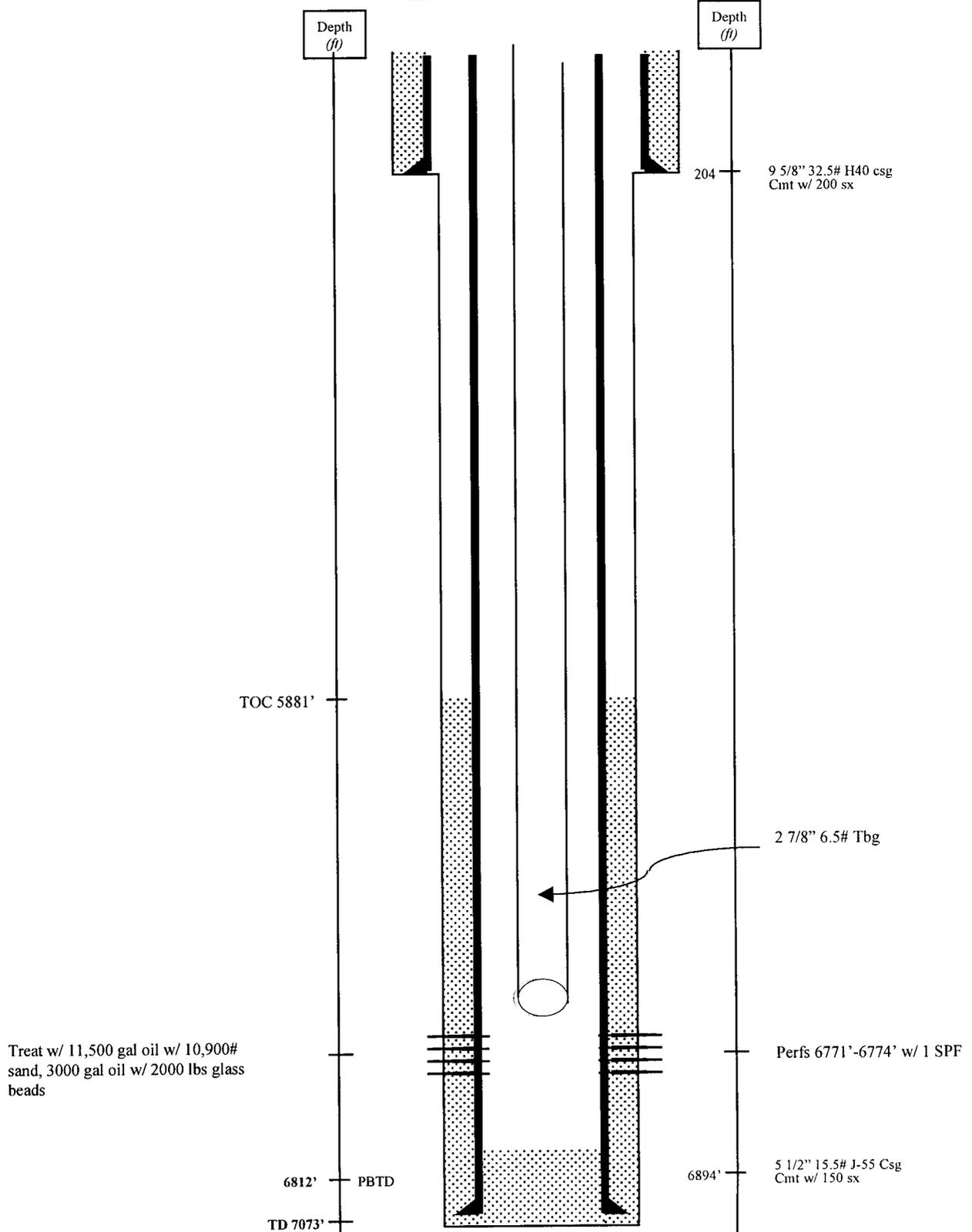
Spud Date: 11/20/64

Location: 2066' FNL, 1971' FWL  
Elevation: GL= 4988', KB=4988'  
API # - 43-047-15802

## Wellbore Diagram

3/11/99

Compiled by D. Morgan





Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

Gentlemen:

Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

Lucy Nemecek  
Senior Clerk



43-047-15802

**Snyder Oil Corporation**

Horse Shoe Bend 4  
SWNW Sec. 3 T7S R21E  
Uintah County, UT  
Lease #UT-0142175

Prepared By: KR 1/17/96

**BUYS & ASSOCIATES, INC.**  
Environmental Consultants

SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION  
P.O. BOX 695  
VERNAL, UT 84078



# SNYDER OIL CORPORATION

## VALVING DETAIL

(Site Security Diagram Attachment)

### Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

### Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

\*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

**SOCO**  
Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

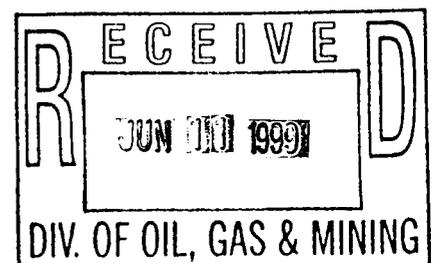
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

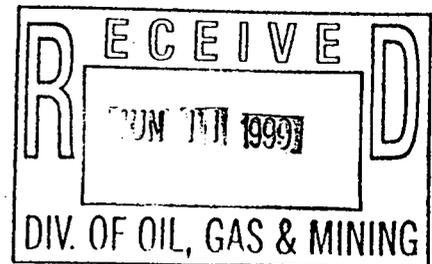
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



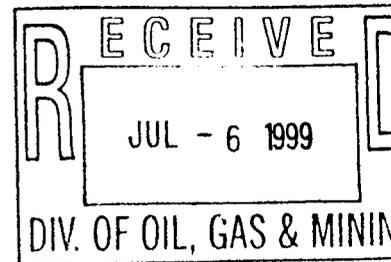
Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation : Oil and Gas  
840 Gessner, Suite 1400 :  
Houston, TX 77024 :

#### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

**Christopher J. Merritt**

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

#### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)

SANTA FE LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

# Santa Fe Snyder Corporation

July 2, 1999

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

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

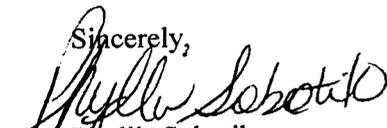
Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200  
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

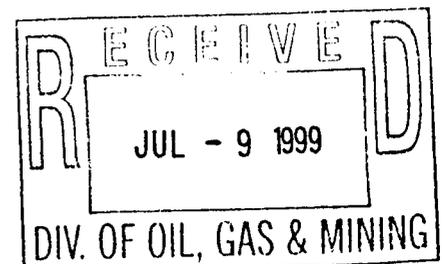
Sincerely,

  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps

Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel".

---

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

## **CERTIFICATE OF MERGER**

Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks  
Name: David L. Hicks  
Title: Vice President — Law and  
General Counsel

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

See Attached List

2. Name of Operator

**Santa Fe Snyder Corporation**

**Attn.: Phyllis Sobotik**

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

**303-592-8668**

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

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

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

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

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

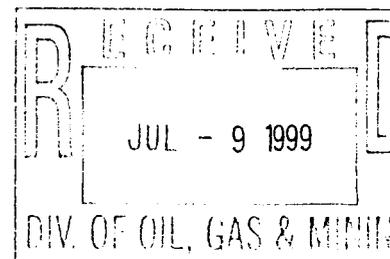
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433



Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.

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

Signed

*Phyllis Sobotik*

Title

**Sr. Regulatory Specialist**

Date

**01-Jul-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/4/1/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ Alger Pass #1			Alger Pass (Natural Buttes)	ACT	Uintah	SE/NE	2	11S	19E	ML 36213	STATE	43-047-31824	10828
✓ AnnaBelle #31-2J			Horseshoe Bend	ACT	Uintah	NW/SE	31	6S	21E	N/A	FEE	43-047-31698	10510
✓ Archy Bench State #1-2			Bitter Creek	INA	Uintah	NE/NE	2	11S	22E	ML 22348 A	STATE	43-047-31489	9871
Baser Draw Fed. #1C-31			Horseshoe Bend	ACT	Uintah	NE/SW	31	6S	22E	U 38411	FED	43-047-30831	2710
Baser Draw Fed. #2A-31			Horseshoe Bend	ACT	Uintah	SE/NE	31	6S	22E	U 31260	FED	43-047-30880	2710
Baser Draw Fed. #5-1			Horseshoe Bend	INA	Uintah	NW/NW	5	7S	22E	U 075939	FED	43-047-31833	10862
Baser Draw Fed. #6-1			Horseshoe Bend	ACT	Uintah	Lot 7	6	7S	22E	U 075939	FED	43-047-31834	10863
Baser Draw Fed. #6-2			Horseshoe Bend	ACT	Uintah	SW/NE	6	7S	22E	U 075939	FED	43-047-31859	10967
Bitter Creek #1-3			Bitter Creek	INA	Uintah	SW/NE	3	11S	22E	U 29797	FED	43-047-30524	1460
Obanza Federal #3-15			Natural Buttes	ACT	Uintah	NE/NW	15	10S	23E	U 66406	FED	43-047-31278	8406
Canyon View #1-18			Natural Buttes	ACT	Uintah	SE/NW	18	10S	23E	U 38421	FED	43-047-30379	1485
Castle Peak #1-3			Monument Butte	INA	Duchesne	NE/NE	3	9S	16E	U 47172	FED	43-013-30639	1522
✓ Castle Peak State #32-16			Monument Butte (Castle Peak)	ACT	Duchesne	SW/NE	16	9S	16E	ML 16532	STATE	43-013-30650	445
✓ Castle Peak State #33-16			Monument Butte (Castle Peak)	ACT	Duchesne	NW/SE	16	9S	16E	ML 16532	STATE	43-013-30640	440
Cliff Edge #1-15			Natural Buttes	TAD	Uintah	NW/SE	15	10S	23E	U 66406	FED	43-047-30462	1524
Coors #14-1D			Horseshoe Bend	INA	Uintah	NW/NW	14	7S	21E	U 65223	FED	43-047-31304	11193
Coors Federal #2-10 (Federal 2-10HB)			Horseshoe Bend	INA	Uintah	SW/NE	10	7S	21E	U 65222	FED	43-047-32009	11255
Cotton Club #1			Horseshoe Bend	ACT	Uintah	NE/NE	31	6S	21E	U 31736	FED	43-047-31643	10380
Cottonwood Wash Unit #1			Buck Canyon	INA	Uintah	SW/NE	10	12S	21E	U 40729	FED	43-047-31774	10754
Crooked Canyon #1-17			Natural Buttes	TAD	Uintah	NE/NW	17	10S	23E	U 37355	FED	43-047-30369	1465
East Bench Unit #1			East Bench (Bench East)	INA	Uintah	NW/SE	33	11S	22E	U 61263	FED	43-047-31778	10795
East Gusher #2-1A			Gusher (Gusher East)	INA	Uintah	SE/SE	3	6S	20E	U 66746	FED	43-047-31431	11333
East Gusher #15-1A			Gusher (Gusher East)	ACT	Uintah	NE/NE	15	6S	20E	U 58007	FED	43-047-31900	11122
Federal #4-1			Horseshoe Bend	ACT	Uintah	NW/NW	4	7S	21E	U 28213	FED	43-047-31693	10196
Federal #4-2F			Horseshoe Bend	ACT	Uintah	SW/NW	4	7S	21E	U 28213	FED	43-047-31853	10933
Federal #5-5H			Horseshoe Bend	ACT	Uintah	SE/NE	5	7S	21E	U 66401	FED	43-047-31903	11138
Federal 11-1M & K1			Gusher (Horseshoe Bend)	INA	Uintah	SW/SW	11	6S	20E	U 20252	FED	43-047-32333	11443
Federal #21-1P			Horseshoe Bend	ACT	Uintah	SE/SE	21	6S	21E	U 30289	FED	43-047-31647	1316
Federal #33-1I			Horseshoe Bend	ACT	Uintah	NE/SE	33	6S	21E	U 44210	FED	43-047-31468	9615
Federal #33-2B			Horseshoe Bend	INA	Uintah	NW/NE	33	6S	21E	U 44210	FED	43-047-31621	9616
Federal #33-4D	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NW	33	6S	21E	U 44210	FED	43-047-31623	12323
Federal #34-2K			Horseshoe Bend	ACT	Uintah	NE/SW	34	6S	21E	U 63861	FED	43-047-31467	10550
Federal Miller #1			Horseshoe Bend	ACT	Uintah	NW/SW	4	7S	22E	U 0136484	FED	43-047-30034	2750
Flat Mesa #1-7			Natural Buttes	INA	Uintah	NW/SE	7	10S	23E	U 38420	FED	43-047-30365	1505
Flat Mesa #2-7			Natural Buttes	ACT	Uintah	SE/NW	7	10S	23E	U 38420	FED	43-047-30545	1506
✓ Gusher Unit #3			Gusher (Gusher East)	ACT	Uintah	NW/NE	10	6S	20E	ML 06584	STATE	43-047-15590	10341
Horseshoe Bend #2			Horseshoe Bend	INA	Uintah	NW/NE	3	7S	21E	U 0142175	FED	43-047-15800	11628
Horseshoe Bend #4			Horseshoe Bend	INA	Uintah	SE/NW	3	7S	21E	U 0142175	FED	43-047-15802	1315

Routing:	
1-KDR ✓	6-KAS ✓
2-GLH	7-SJ TP
3-JRB	8-FILE
4-CDW	9- [Signature]
5-KDR ✓	

# OPERATOR CHANGE WORKSHEET

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 (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

<b>TO:</b> (new operator)	<u>SANTE FE SNYDER CORPORATION</u>	<b>FROM:</b> (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>P.O. BOX 129</u>	(address)	<u>P.O. BOX 129</u>
	<u>BAGGS, WYOMING 82321</u>		<u>BAGGS, WYOMING 82321</u>
	<u>Phone: (307) 383-2800</u>		<u>Phone: (307) 383-2800</u>
	<u>Account no. N2000 (6-24-99)</u>		<u>Account no. N1305</u>

**WELL(S)** attach additional page if needed: **\*HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS**

Name: <u>*SEE ATTACHED*</u>	API: <u>43-047-15862</u>	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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
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) If yes, show company file number: #011879.
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. *(Rec'd 7.6.99)*
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(7.12.99)*
6. **Cardex** file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above. *(new system)*
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. *(8.2.99)*
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**

- 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.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. (Rec'd 6.11.99 #J27777)
- 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- 1. All attachments to this form have been microfilmed. Today's date: 9-28-99.

**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**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)

**(435)-781-7023**

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

**SE NW Section 3-T7S-R21E 2066'FNL & 1971'FWL**

5. Lease Serial No.

**U-0142175**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**Horseshoe Bend #4**

9. API Well No.

**43-047-15802**

10. Field and Pool, or Exploratory Area

**Horseshoe Bend**

11. County or Parish, State

**Uintah Utah**

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other \_\_\_\_\_

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

**Coastal Oil & Gas Corporation requests authorization to P&A the subject well. All potential hydrocarbon reservoirs have been tested and found to be uneconomical to produce.**

**Please refer to the proposed P&A procedure.**

COPY SENT TO OPERATOR  
DATE: 11-21-00  
INITIALS: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 11/20/2000  
By: John R. Boye

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

**Cheryl Cameron**

Title

**Sr. Regulatory Analyst**

Date **10/30/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Plug & Abandon Procedure

### Horseshoe Bend 4

Horseshoe Bend Field  
Uintah County, Utah

#### Well Data:

**Location:** 2,066' FNL, 1,971' FWL, Section 3 - T7S - R21E

**Elevation:** GR: 4,988' KB: ??

**Total Depth:** 6,894'

**PBTD:** 6,812'

**Casing:** 9-5/8", 32.5#, H-40 @ 224'  
5-1/2", 15.5#, J-55 @ 6,894'

**Tubing:** 2-7/8", 6.5#, J-55 @ 6,750'

**Perforations:** 6,771' – 6774', 1 SPF (Green River)

#### Tubular Data:

<u>Description</u>	<u>ID</u> Inches	<u>Capacity</u> cu ft / ft	<u>Capacity</u> bbls / ft	<u>Burst</u> psi	<u>Collapse</u> psi
9-5/8", 32.5#, H-40 csg	9.001	0.4419	0.07870	2,270	1,400
5-1/2", 15.5#, K-55 csg	4.950	0.1336	0.02380	4,810	4,040
2-7/8", 6.5#, J-55 tbg	2.441	0.0325	0.00579	7,260	7,680
5-1/2"x 9-5/8" annulus	---	0.3968	0.07070	---	---

#### Present Status:

Temporary Abandoned

## **Procedure:**

1. Notify BLM / State 24 hours before MI&RU to P&A
2. MI & RU workover rig. Flush tubing & casing w/ hot water. POOH w/ rods & pump.
3. ND well head, NU BOPE. POOH w/ 2-3/8" tubing.
4. RU wire line unit & set CIBP @ +/- 6,720'.
5. RIH w/ tubing. Spot 15 sx cement on top of CIBP, PU to +/- 6,600' and spot 9.0+ ppg fluid from 6.600' to 300'. POOH w/ tubing.
6. Perforate 5-1/2" casing 4 SPF @ +/- 3,000'. RIH w/ CICR & tubing. Set CICR @ +/- 2,900'
7. Establish injection rate down tubing. Squeeze perfs @ 3,000, w/ 50 sx cement.
8. Sting out of CICR & spot 5 sx cement on top of CICR. POOH w/ tubing.
9. Perforate 5-1/2" casing @ 325'. Establish circulation down 5-1/2" csg & up 5-1/2"x 9-5/8" annulus.
10. Pump 100 sx cement down 5-1/2" casing & displace to 100'.
11. RIH w/ tubing to 50' and circulate cement to surface.
12. Cut off casing below GL. Run 1" tubing down 9-5/8"x 5-1/2" annulus & circulate cement to surface.
13. Weld on dry hole marker, clean up and rehab location.

Note: Cement to be Class "G" mixed @ 15.8 ppg.

# After P&A Wellbore Diagram

DATE: \_\_\_\_\_  
 FOREMAN: \_\_\_\_\_  
 KB: 12'

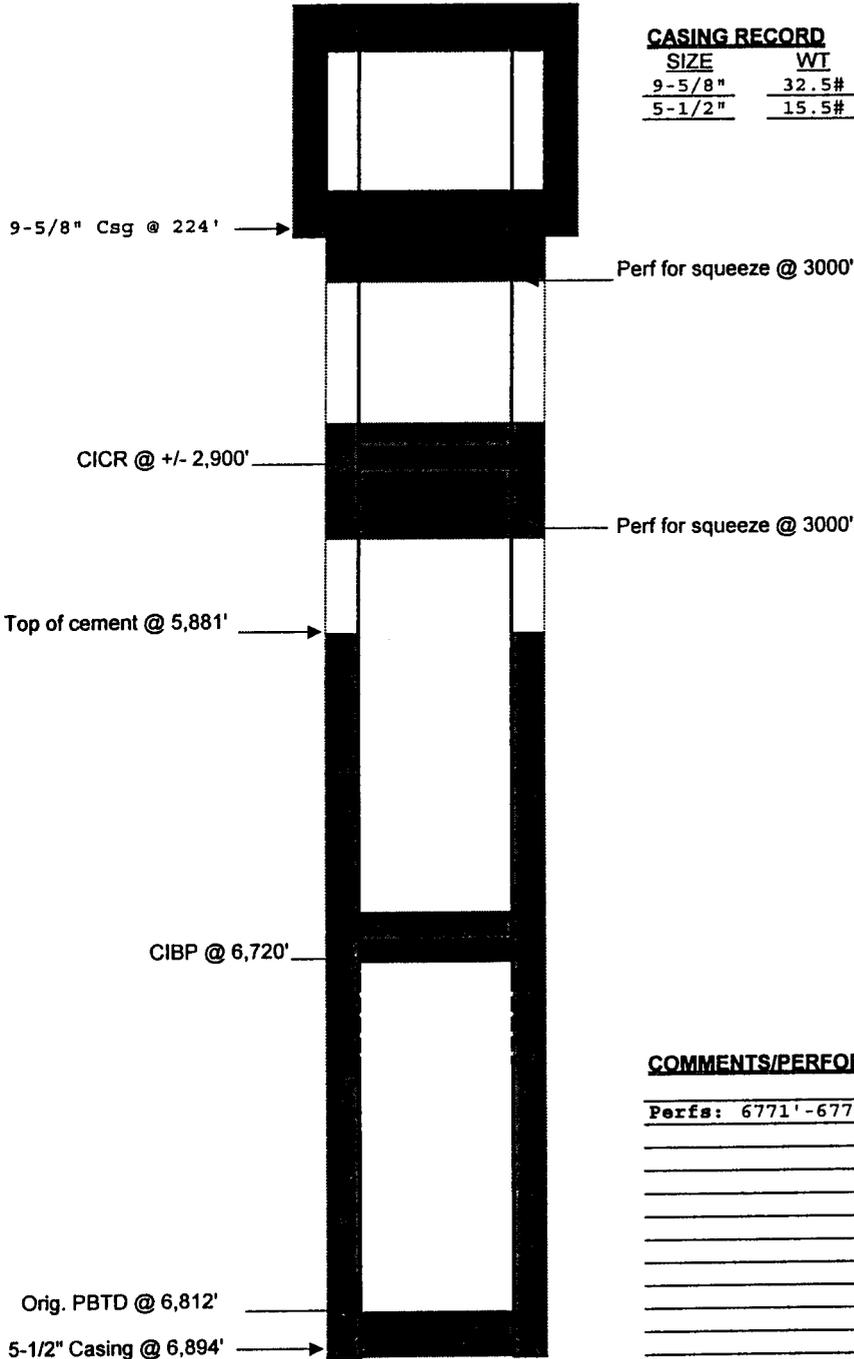
WELL: Horseshoe Bend 4  
 FIELD: Horseshoe Bend  
 RIG No: \_\_\_\_\_

COUNT Uintah  
 STATE: Utah

SEC: 3  
 TWS: 7S  
 RGE: 21E

**CASING RECORD**

<u>SIZE</u>	<u>WT</u>	<u>GRADE</u>	<u>THD</u>	<u>FROM</u>	<u>TO</u>
<u>9-5/8"</u>	<u>32.5#</u>	<u>H-40</u>	<u>8 rd</u>	<u>0</u>	<u>224</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>J-55</u>	<u>8 rd</u>	<u>0</u>	<u>6,894</u>

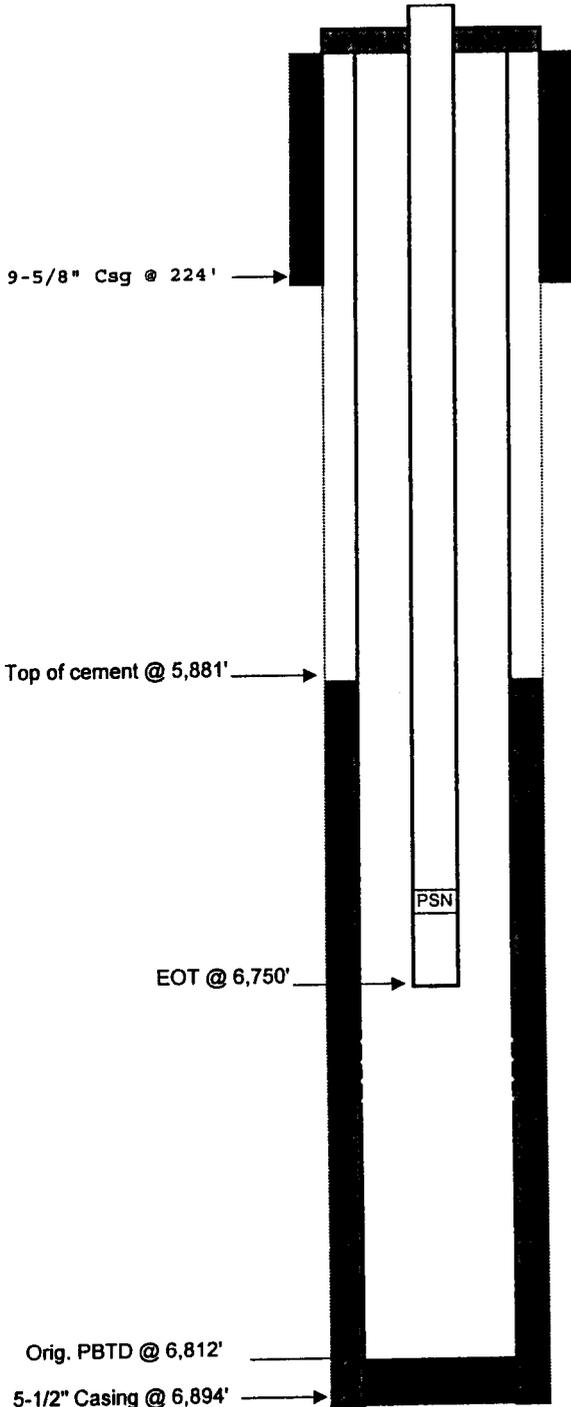


**COMMENTS/PERFORATIONS:**

Perfs: 6771'-6774' (Green River)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# Current Wellbore Diagram

DATE: \_\_\_\_\_ WELL: Horseshoe Bend 4 COUNT Uintah SEC: 3  
 FOREMAN: \_\_\_\_\_ FIELD: Horseshoe Bend STATE: Utah TWS: 7S  
 KB: ? RIG No: \_\_\_\_\_ RGE: 21E



**CASING RECORD**

<u>SIZE</u>	<u>WT</u>	<u>GRADE</u>	<u>THD</u>	<u>FROM</u>	<u>TO</u>
<u>9-5/8"</u>	<u>32.5#</u>	<u>H-40</u>	<u>8 rd</u>	<u>0</u>	<u>224</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>J-55</u>	<u>8 rd</u>	<u>0</u>	<u>6,894</u>

**TUBING RECORD**

<u>SIZE</u>	<u>WT</u>	<u>GRADE</u>	<u>THD</u>	<u>FROM</u>	<u>TO</u>
<u>2-7/8"</u>	<u>6.5#</u>	<u>J-55</u>	<u>8 rd</u>	<u>0</u>	<u>6,750</u>

JTS  
??

**SUCKER ROD RECORD**

<u>NO</u>	<u>SIZE</u>	<u>GRADE</u>	<u>CPLG</u>
<u>??</u>	<u>??/?"</u>	<u>??</u>	<u>??</u>

**PUMP DATA:**

<u>MANUF</u>	<u>SIZE</u>	<u>DESCR</u>
<u>??</u>	<u>??</u>	<u>??</u>

**COMMENTS/PERFORATIONS:**

Perfs: 6771'-6774' (Green River)

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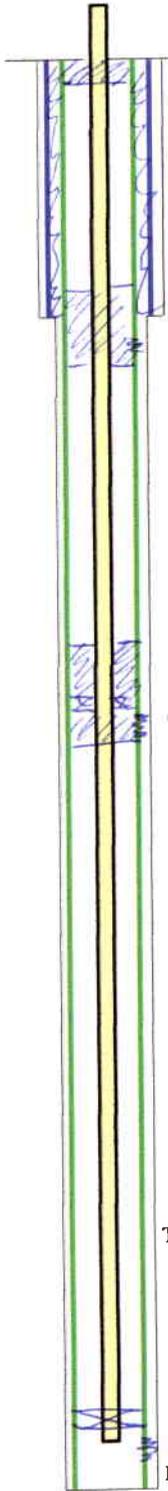


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API Well No: 43-047-15802-00-00    Permit No: UIC-096.1    Well Name/No: HORSESHOE BEND 4  
 Company Name: COASTAL OIL & GAS CORP  
 Location: Sec: 3 T: 7S R: 21E Spot: SENW  
 Coordinates: X: 4455497 Y: 623903  
 Field Name: HORSESHOE BEND  
 County Name: Uintah

**String Information**

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
SURF	224	9.625	32.5	224
PROD	6894	5.5	15.5	6894
T1	6750	2.875		



**Cement Information**

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6894		UK	150
SURF	224	0	UK	200

**Perforation Information**

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
6771	6774			

**Formation Information**

Formation	Depth	Formation	Depth
GRRV	3527		

Tubing: 2.875 in. @ 6750 ft. ✓

Production: 5.5 in. @ 6894 ft. ✓

TD: 7066 TVD:

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals

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

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

1. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. <b>U-0142175</b>
2. Name of Operator <b>COASTAL OIL &amp; GAS CORPORATION CONTACT: CHERYL CAMERON OPERATIONS EMAIL: Cheryl.Cameron@CoastalCorp.com</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. BOX 1148 VERNAL, UT 84078</b>	7. If Unit or CA Agreement, Name and No. <b>N/A</b>
3b. Phone No. (include area code) <b>TEL: 435.781.7023 EXT: FAX: 435.789.4436</b>	8. Lease Name and Well No. <b>HORSESHOE BEND #4</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 3 T7S R21E SENW 2066FNL 1971FWL</b>	9. API Well No. <b>4304715802</b>
	10. Field and Pool, or Exploratory <b>HORSESHOE BEND</b>
	11. County or Parish, State <b>UINTAH, UT</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/>
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

**SUBJECT WELL PLUGGED & ABANDONED ON 03/29/01**  
**PLUG #1: CMT W/50 SX CLASS G W/2% CACL, 15.8#, 1.15 YLD. SQUEEZE HOLES @ 3520'. LEFT 10 SX CMT ON TOP OF CMT RETAINER @ 3470'.**  
**PLUG #2: CMT W/40 SX CLASS G W/2% CACL, 15.8#, 1.15 YLD. SQUEEZE HOLES @ 1402'. LEFT 8 SX CMT ON TOP OF CMT RETAINER @ 1363'.**  
**PLUG #3: CMT 5 1/2" X 9 5/8" CSG & ANNULAR TO SURF W/120 SX CLASS G, 15.8#, 1.15 YLD W/2% CACL.**  
**WELD ON DRY HOLE MARKER 3' BELOW GROUND LEVEL**  
**REFER TO ATTACHED DHD**

03/30/01

Name (Printed/Typed)	Title
Signature: Cheryl Cameron	Date: 3/30/01

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**ELECTRONIC SUBMISSION #3335 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

DATE: 03/29/01

WELL: H.S.B. #4

COUNTY: Uintah

SEC: 3

FOREMAN: BRAD B.

FIELD: STIRRUP

STATE: Utah

TWS: 7S

RGE: 21E

KB 12'

RIG No. DUCO # 2

PUSHER GARY KARREN

JOB: AFE, P&A

AFE# 048567

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
9-5/8"	32.5#	H-40	ST&C 8RD	SURF	224'
5-1/2"	15.5#	J-55	LT&C 8RD	SURF	6894

CMT TO SURF

9-5/8" CSG @

224'

CMT 5-1/2" X 9-5/8" CSG & ANNULAR TO SURF W/  
120 SK'S CLASS "G" CMT, 15.8#, 1.15 YIELD W/ 2% CAL

LEFT 8 SK'S CLASS "G" CMT, 15.8#, 1.15 YIELD, 2% CAL ON TOP OF CMT RTNR @ 1363'  
CICR @ 1363'

4 SQX HL'S @ 1402'

PMP THRU CICR

40 SK'S CLASS "G" CMT, 15.8#, 1.15 YIELD, 2% CAL

LEFT 10 SK'S CLASS "G" CMT, 15.8#, 1.15 YIELD, W/2% CAL ON TOP OF CMT RTNR @ 3470'

CMT RTNR@ 3470'

50 SK'S CMT 15.8# 1.15 YIELD  
CLASS "G" W/2%CAL

4 SQX HL'S @ 3520'

COMMENTS/PERFORATIONS:

MIRU, 3-26-2001

P&A WELL

BLM REP, RAY ARNOLD

WELD ON DRY HOLE PLATE, 3' BELOW GROUND LEVEL.

RDMO, 3-29-2001

15 SK'S CMT ON TOP OF CIBP  
15.8# 1.15YIELD NEET CMT  
CIBP@ 6698'

CMT TOP @ 6573'

Orig. PBTD 6812"

TP@6771

BP@6774'

5-1/2" Csg @ 6894"



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

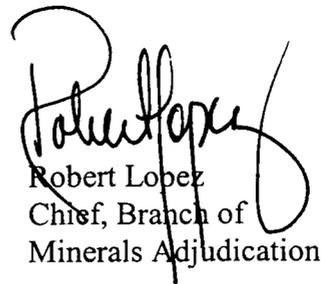
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

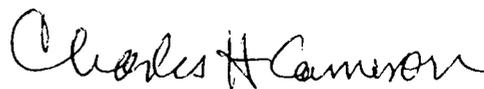
We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process.



CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono

JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

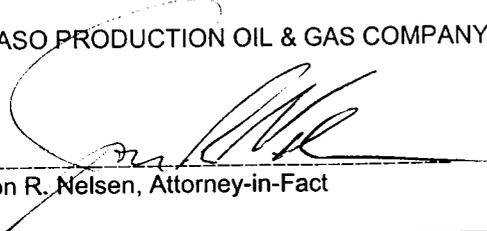
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

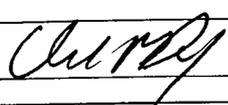
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE Agent and Attorney-in-Fact	
NAME (PLEASE PRINT) David R. Dix			
SIGNATURE 		DATE 12/17/02	

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED EXHIBIT "A"**

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**  
9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**  
10. Field and Pool, or Exploratory Area  
11. County or Parish, State  
**UINTAH COUNTY, UT**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>SUCCESSOR OF OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**

Signature  


Date  
**March 4, 2003**

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit:**

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HORSESHOE BEND 36-1-P	36-06S-21E	43-047-31482	9815	STATE	GW	P
BASER FEDERAL 1-31	31-06S-22E	43-047-30831	2710	FEDERAL	GW	P
BASER FEDERAL 2-31 (CR-179)	31-06S-22E	43-047-30880	2710	FEDERAL	GW	P
W WALKER STATE 1-33	32-06S-22E	43-047-30877	2720	STATE	GW	PA
W WALKER STATE 2-33	32-06S-22E	43-047-30878	2721	STATE	GW	PA
W WALKER FED 1-33 (CR-106)	33-06S-22E	43-047-30815	2715	FEDERAL	GW	P
HORSESHOE BEND 2	03-07S-21E	43-047-15800	11628	FEDERAL	OW	S
HORSESHOE BEND FED 3-1	03-07S-21E	43-047-33831	13146	FEDERAL	GW	S
HORSESHOE BEND 4	03-07S-21E	43-047-15802	1315	FEDERAL	OW	PA
MADLINE 4-3-C	04-07S-21E	43-047-32279	11379	FEDERAL	OW	PA
FEDERAL 4-1-D (UTU-68634)	04-07S-21E	43-047-31693	10196	FEDERAL	OW	P
FEDERAL 4-2-F	04-07S-21E	43-047-31853	10933	FEDERAL	OW	P
HORSESHOE BEND FED 4-1	04-07S-21E	43-047-33832	13147	FEDERAL	GW	P
FEDERAL 5-5-H	05-07S-21E	43-047-31903	11138	FEDERAL	OW	P
COORS FEDERAL 2-10HB	10-07S-21E	43-047-32009	11255	FEDERAL	GW	S
HORSESHOE BEND FED 11-1	11-07S-21E	43-047-33833	13126	FEDERAL	GW	P
COORS 14-1-D	14-07S-21E	43-047-31304	11193	FEDERAL	GW	S
STATE 14-16	16-07S-21E	43-047-31417	8010	STATE	OW	P
FED MILLER 1	04-07S-22E	43-047-30034	2750	FEDERAL	GW	P
HORSESHOE BEND 4-10	04-07S-22E	43-047-32577	11728	STATE	OW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **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: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/25/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/25/2003

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: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**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

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U-0142175

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**HORSESHOE BEND 4**

9. API Well No.  
4304715802

10. Field and Pool, or Exploratory Area  
HORSESHOE BEND

11. County or Parish, State  
UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
WESTPORT OIL & GAS COMPANY L.P.

3a. Address  
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)  
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SE/NW SEC. 3, T7S, R21E 2066'FNL, 1971'FWL

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

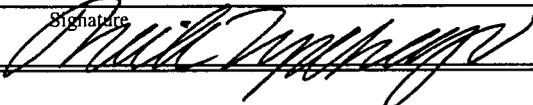
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLUG AND ABANDON ON 03-29/2001. THE SUBJECT WELL LOCATION HAS BEEN RECLAIMED ON 06/04/2001, THE LOCATION IS READY FOR FINAL INSPECTION.

**RECEIVED**  
**JUN 26 2007**  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date June 20, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	--------	-----	-----	-----	--------	-----------	------------	-----------	-------------

**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: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. 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 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**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: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**MUTIPLE WELLS**

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

9. API Well No.

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7024**

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.  
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5116106**

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

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

Name (Printed/Typed)  
**RANDY BAYNE**  
Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**  
Date  
**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

BLM OF CL, SAC & MFLD