

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet 7
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief PWB
 Copy NID to Field Office ✓
 Approval Letter In Unit
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 2-5-64
 OW _____ WW _____ TA _____
5 GW ✓ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

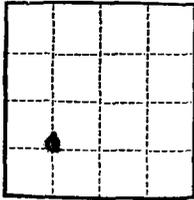
LOGS FILED

Driller's Log 2-27-64
 Electric Logs (No.) 4

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro ✓
 Lat _____ Mi-L _____ Sonic ✓ Others Bond Cement Logs

2

Copy H-L-E



Sec. 14

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. USA (SL 070050)
Unit Big Indian

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)

September 18, 1963

Big Indian Unit

Well No. 4 is located 1310 ft. from N line and 1310 ft. from W line of sec. 14

NE SW SW Sec. 14 30S 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Big Indian WC-Development San Juan Utah
(Field) (County or Subdivision) (State or Territory)

ground - Ungraded

The elevation of the ~~surface~~ above sea level is 6680 ft.

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)

Propose to drill well with rotary tools to an estimated depth of 5,600', with necessary drilling mud as needed.

PROPOSED CASING PROGRAM

- 35' - 16" OD Conductor Casing (Cemented to surface)
- 800' - 10-3/4" OD Surface Casing (Cemented to surface)
- 5,600' - 5-1/2" OD Production String (Cemented with sufficient cement to meet conditions encountered)

The objective pay is the Lower Ismay.

Estimated T.D. is 5,600'. Estimated spud date is 9-23-63.

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

231-1565

ORIGINAL SIGNED BY
R. E. DAVIS
By R. E. Davis
Title District Office Manager

THE PURE OIL COMPANY LOCATION REPORT

Date August 28, 1963

A.F.E. No. 4728

Division Northern Producing Prospect Big Indian Unit Pt. Big Indian Unit
 District Casper District Lease U.S.A. (SL 070050)

Acres 24,345.66 Unit Ac. Lease No. Pt. 8361 Ung. Gr. 6680 Well No. 4 (Serial No. _____)
 Elevation _____ Blk. _____ Dist. _____ Twp. _____

Quadrangle SW SW Sec. 14 Twp. 30S Rge. 25E

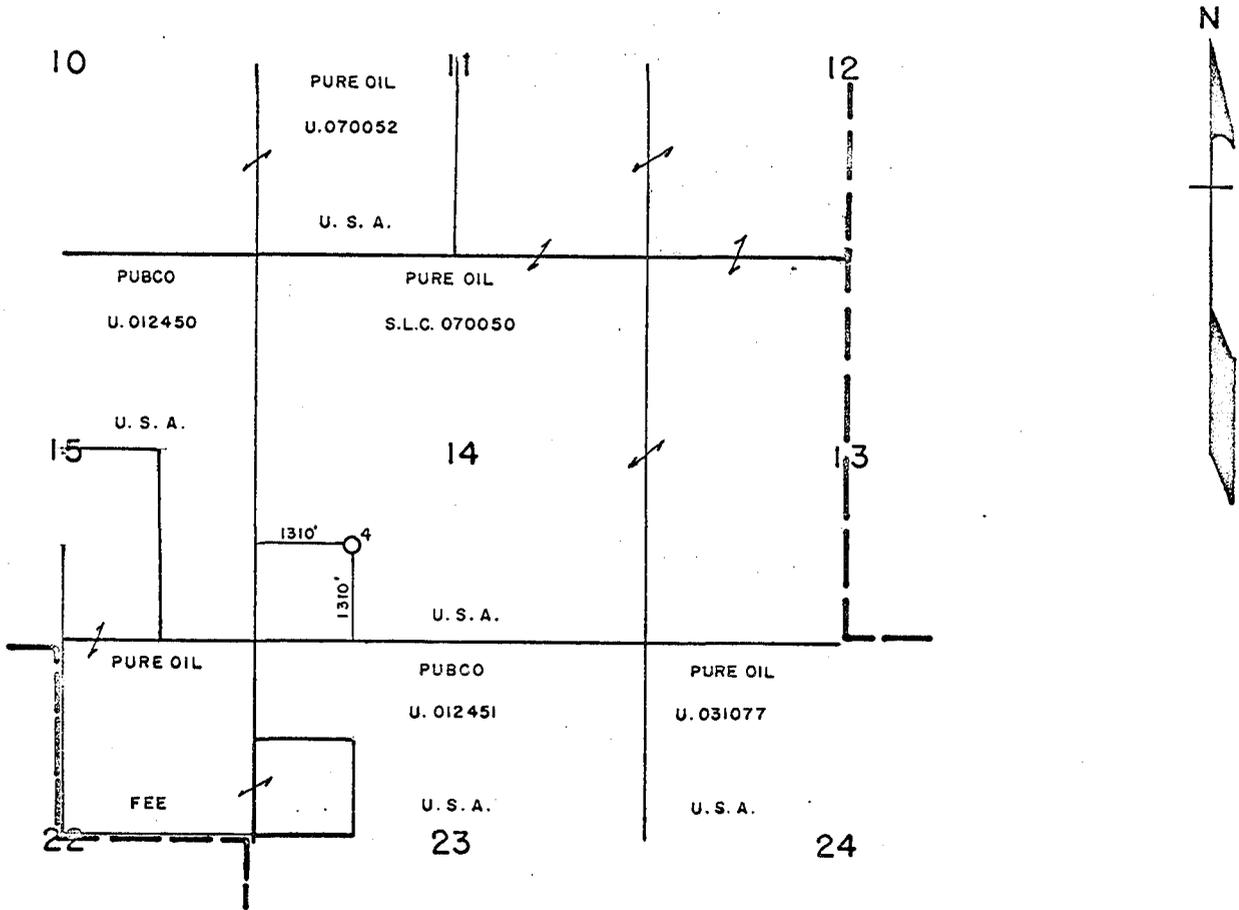
Survey Salt Lake Meridian County San Juan State Utah

Operator The Pure Oil Company Map Utah Grid 1-4

1310 Feet North of the South line of Section
1310 Feet East of the West line of Section
 Feet of the line of
 Feet of the line of

LEGEND

- Gas Well
- Oil Well
- Gas-Distillate Well
- or Dry Hole
- Abandoned Location
- or Abandoned Gas Well
- or Abandoned Oil Well
- or Input Well



Scale 2" = 1 MILE

Remarks: The Pure Oil Company (Operator) 68.82%
Pubco Petroleum Corporation 31.18%

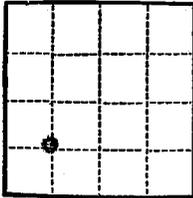
Submitted by *R. L. Lindsley* Civil Engineer

Approved by _____ Division Manager

Approved by _____ Vice-President—General Manager

Copy H-K-2

PHS 2



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-089097

Unit Big Indian

Sec. 14
SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

October 30, 19 63

Big Indian Unit
Well No. h is located 1310 ft. from N line and 1310 ft. from W line of sec. 14
SW SW Sec. 14 (1/4 Sec. and Sec. No.) 30S (27E) (Range) Salt Lake (Meridian)
Wildcat (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~surface~~ ground above sea level is 6636 ft. KB 6676 (Estimated I. & S)

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company THE PURE OIL COMPANY
Address P. O. Box 1611
Casper, Wyoming
Ph: 234-1565
By R. E. Davis
Title District Office Manager

ORIGINAL SIGNED BY
R. E. DAVIS

SUNDRY NOTICES AND REPORTS ON WELLS

Land Office: Salt Lake City
Lease No.: SL U-089097
Unit: Big Indian

Supplementary Well History

October 30, 1963

Big Indian Unit No. 4
1310' FSL and 1310' FWL, SW SW
Sec. 14, T30S, R25E,
San Juan County, Utah

Spudded at 5:30 p.m. 10-19-63. Drilled to 39'. Set 1 jt. 16" OD 65# conductor pipe at 39' KB. Cemented with 35 sax regular cement with 3% calcium chloride. Circulated cement. Job complete at 12:00 midnight 10-19-63.

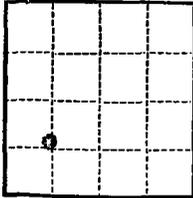
Drilled 13-3/4" hole to 1,047' and 8-3/4" hole to 1,473'. Twisted off at 777'. Left 9 - 7" drill collars, stabilizer and 13-3/4" bit in hole. Ran overshot and recovered fish. Lost approximately 75 bbls. of mud at 900'. Recovered circulation without adding any lost circulation material. Twisted off at 927'. Left 13-3/4" bit, 2 - 7" drill collars and 1/2 of stabilizer and Totco instrument in hole. Recovered all but Totco. Drilled up Totco. Lost circulation at 970'. Lost approximately 500 bbls. of mud. Added 15 sax of hulls and regained circulation. Formation taking approximately 25 bbls. per hour. Drilled 8-3/4" rat hole from 1,047' to 1,473' to check for any lost circulation beyond pipe setting depth.

10-28-63: Ran 33 jts. 10-3/4" OD 40.50# 8 Rd. Tnd. J-55 casing with ST&C, with Baker 10-3/4" guide shoe on bottom joint, Baker insert float valve in collar of first joint, with Howco cement basket above collar of first joint. Ran 3 - 10-3/4" centralizers: 1 - 5' up from guide shoe, 1 - around collar of first joint and 1 - around collar of second joint. Casing set at 1,047' KB. Broke circulation and circulated 20 minutes. Pumped 20 bbls. of fresh water ahead of cement. Cemented with 330 sax of 50-50 Pozmix with 4% gel, 1# Tufplug and 1/4# Flocele with 2% calcium chloride per sack. Tailed in with 100 sax regular cement with 2% gel and 2% calcium chloride. Did not circulate cement to surface. Pumped plug down at 6:00 a.m. 10-29-63.

10-29-63: 24 hours W.O.C. Ran 1" pipe down back side to top of cement at 352'. Cemented back side with 300 sax regular cement with 3% calcium chloride added per sack. Job complete at 1:00 a.m. 10-30-63.

Copy H. L. G.

PM 7



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-089097

Unit Big Indian

Sec. 14
SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

October 30, 19 63

Big Indian Unit
Well No. 4 is located 1310 ft. from AN line and 1310 ft. from EX line of sec. 14

SW SW Sec. 14 30S 25E Salt Lake
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6686 ft. KB 6676 (Estimated L & S)

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

Ph: 234-1565

ORIGINAL SIGNED BY
By R. E. DAVIS
R. E. Davis
Title District Office Manager

Copy D.W.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R2565.
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian
Page 1 of 2 pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of October 1963

Agent's address P. O. Box 1611 Company THE PURE OIL COMPANY

Casper, Wyoming Signed R. L. Lewis

Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cuft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. 067131-B										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA SL 070052										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA U-089097										
SW SW Sec. 14 Big Indian	30S	25E	4	-0-	Drilling well					Location: 1310' FSL & 1310' FWL. L & S estimated elevations: GR 6686, KB 6676'. Spudded 5:30 p.m. 10-19-63. Drilled to 39'. Set 1 jt. 16" OD
6 5/8" conductor at 39' KB. Cemented with 35 sax regular cement with 3% calcium chloride. Circulated cement. Job complete at 12:00 midnight 10-19-63. Drilled to 927'. Twisted off at 927', leaving 1 3/4" bit, 2 - 7" drill collars and 1/2 of stabilizer in hole. Recovered fish and drilled to 1,473'. Set 10-3/4" OD 40.50# 8 Rd. Thd. J-55 casing with ST&C (33 jts.) with Baker guide shoe, Baker insert float valve and cement Basket, at 1,047' KB. Broke circulation and circulated 20 minutes. Pumped 20 bbls. of fresh water ahead of cement. Cemented with 330 sax 50-50 Pozmix with 4% gel, 1# Tufplug and										
(Continued on next page)										

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 44-10804
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

Page 2 of 2 pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of October 1963.

Agent's address P. O. Box 1611 Company THE PURE OIL COMPANY

Casper, Wyoming Signed R. L. Davis

Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cuft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. <u>USA U-089097</u>										
Big Indian Unit No. <u>1</u> - Continued										
and 1/4# Floccle with 2% calcium chloride per sack. Tailed in with 100 sax regular cement with 2% gel and 2% calcium chloride per sack. Did not circulate cement to surface. Pumped plug down at 6:00 a.m. 10-29-63. Ran 1" pipe down back side to 392' to top of cement. Cemented back side with 300 sax regular cement with 3% calcium chloride added per sack. Job complete at 1:00 a.m. 10-30-63. Re-cemented down back side of 10-3/4" casing with 50 sax regular cement with 3% calcium chloride added. Job complete at 1:30 p.m. 10-30-63. Now W.O.C. and nippleing up.										

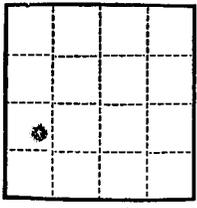
Note—There were _____ runs or sales of oil; _____ If cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy to NHC

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

Form 9-381a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-032997

Unit Big Indian Unit
NOV 13 1963

Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

OIL & GAS
CONSERVATION COMMISSION

NOTICE OF INTENTION TO DRILL.....	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.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

November 12, 1963

Big Indian Unit

Well No. 4 is located 1280 ft. from DN line and 1290 ft. from EW line of sec. 14

SW SW Sec. 14
(1/4 Sec. and Sec. No.)

30S
(Twp.)

25E
(Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~subsurface~~ ground above sea level is 6636 ft. KB 6676' (Ret. L & S)

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)

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

PH: 234-1565

ORIGINAL SIGNED BY

By R. E. DAVIS

Title District Office Manager

SUNDRY NOTICES AND REPORTS ON WELLS

U.S. GEOLOGICAL SURVEY
CONSERVATION COMMISSION
Land Office: Salt Lake City
Lease No.: SL U-089097
Unit: Big Indian

Supplementary Well History

November 12, 1963

Big Indian Unit No. 4
1280' FSL and 1290' FWL, SW SW
Sec. 14, T30S, R25E
San Juan County, Utah

10-30-63: Recemented down back side of 10-3/4" casing with 50 sax regular cement with 50 sax regular cement with 3% calcium chloride added. Job complete at 1:30 p.m. 10-30-63.

Tested BOP equipment to 1000# and O.K. Tagged top of cement at 975'. Drilled out cement and drilled from 1,473' to 1,626'.

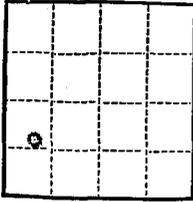
Stuck pipe 11-1-63 while taking survey. Spotted 30 bbls. of oil around fish. Drove down on fish with driving tools. No movement. Ran Dialog and found free point. Backed off at 1,243', leaving 13 (2 - 7-5/8" and 11 - 6-1/8") drill collars, 2 reamers and 8-3/4" bit in hole. Jarred on fish. No movement. Washed over fish and recovered all of fish with the exception of 2 - 7-5/8" drill collars, 2 reamers and 8-3/4" bit. Washed over 7-5/8" drill collar from 1,547' to 1,580'. Ran taper tap and screwed into fish. Attempted to back off drill collar with Dialog. Backed taper tap out of fish. Went in hole with milling tool and one joint of wash pipe and milled a fishing neck on 7-5/8" drill collar. Ran overshot and backed off drill collar and recovered same. Ran bumper sub and jars. Jarred fish loose and recovered same 11-7-63. Laid down and magnafluxed all drill collars. Now drilling at 2,545' in sand and shale.

Location was resurveyed 11-7-63 and the well is 1280' FSL and 1290' FWL, rather than 1310' FSL and 1310' FWL.

Copy to NHC

Form 9-381a
(Feb. 1961)

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



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. USA U-039097

Unit Big Indian

Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

November 18, 1963

Big Indian Unit
Well No. 4 is located 1280 ft. from S line and 1290 ft. from W line of sec. 14

SW SW Sec. 14 306 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{Un. Ground} above sea level is 6680 ft.

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)

11-15-63: DST NO. 1 - 2,996' - 3,021' Tool open 1 hour. Opened with very weak blow and remained steady throughout test. No fluid or gas to surface. Recovered 5' of drilling fluid. Pressures: IH 1476; ICI and FCI 87/30 min.; IF 43/5 min.; FF 43/60 min.; FH 1432; BRT 93°.

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

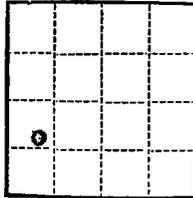
PH: 234-1565

ORIGINAL SIGNED BY
R. E. DAVIS

By R. E. Davis

Title District Office Manager

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

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

Land Office Salt Lake City

Lease No. USA 3-089097

Unit Big Indian

Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

November 21, 1963

Big Indian Unit
Well No. 4 is located 1280 ft. from XXX line and 1290 ft. from EX line of sec. 14

S1 SW Sec. 14 30S 25E Salt Lake
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wilcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

U.G. Ground

The elevation of the ~~drill floor~~ above sea level is 6680 ft. KB elevation 5679'

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)

11-19-63: DST NO. 2 - 3,458' - 3,507' - 49' - HERMOSA

Tool open 1 hour and 5 minutes. Opened with very strong blow. Gas to surface in 2 minutes. Gas measured at 5.6 MMCFD, 370' flowing pressure, 3/4" choke. Reversed out through circulating sub. Recovered 90' of gas cut drilling mud with condensate film below circulating sub. Pressures: IH & PH 1683; 1CI 1149/30 minutes; IF 750/5 minutes; PF 777/65 minutes; PCI 1123/80 minutes; BIT 94 deg.

Sample Top: Hermosa 3,180' (+3,507)

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

PH: 234-1565

ORIGINAL SIGNED BY
R. E. DAVIS

By R. E. Davis

Title District Office Manager



THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • CASPER DISTRICT
P. O. BOX 1611 • CASPER, WYOMING • PHONE 234-1565

November 21, 1963

Mr. Cleon B. Feight
Executive Director
Utah Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

The Pure Oil Company hereby formally requests that all information concerning the Big Indian Unit No. 4 well, located in the SW SW, Sec. 14, T-30S, R-25E, San Juan County, Utah, be held as confidential for four (4) months, effective November 20, 1963.

In the event the confidential classification is lifted prior to the four months, you will be notified immediately.

Yours very truly,

THE PURE OIL COMPANY

R. E. Davis
District Office Manager

RED:js

C O N F I D E N T I A L

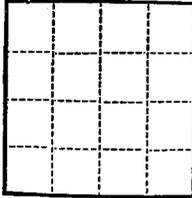
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. USA U-089097

Unit Big Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

November 22, 1963

Big Indian Unit

Well No. 4 is located 1280 ft. from N line and 1290 ft. from W line of sec. 14

SW SW Sec. 14
(1/4 Sec. and Sec. No.)

305
(Twp.)

29E
(Range)

Salt Lake
(Meridian)

Wildcat

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

U.S. Ground

The elevation of the ~~stratigraphic~~ U.S. Ground above sea level is 6680 ft. ~~IS elevation 6678'~~

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)

11-21-63: DST No. 3 - 1456' - 1506' - 50' - BEHCKEA

Tool open 14 hours and 15 minutes. Opened with very strong blow. Gas to surface in 1-3/4 minutes. Flow pressure behind 3/4" choke 520', flow pressure through tester 285'. Gas metered at 3,365 MCFD. Recovered 90' of gas and condensate out drilling fluid. Pressures: IH 1720; 30 min., ICI 1129; 5 min., IF 675; FF 727; 4 hours, FCI 1129; PH None - Clock ran down; BHT 98 Degrees.

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

Company THE PURE OIL COMPANY

Address P. O. BOX 1611

Casper, Wyoming

Ph: 234-1565

ORIGINAL SIGNED BY
R. E. DAVIS

By R.E. Davis

Title District Office Manager

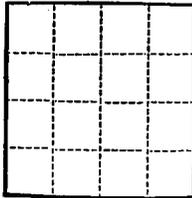
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. USA B-089037

Unit Big Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

..... November 26, 19 63

Big Indian Unit

Well No. 4 is located 1280 ft. from N line and 1290 ft. from W line of sec. 14

SW SW Sec. 14
(¼ Sec. and Sec. No.)

308
(Twp.)

25E
(Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

U. S. Ground

The elevation of the ~~rock surface~~ above sea level is 6680 ft. K.B. Elevation 6678 ft.

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)

11-22-63 - DST No. 4 - 3 1/2" - 36 7' - 10 1/2" - Harmon

Tool opened with a very strong blow, gas to surface in 3 minutes, metered gas 1.4 MCFD, .915 Gravity, 350# pressure behind 3/4" choke, 260# pressure on tester. Recovered 120 ft. gas out drilling mud.

Pressures: IH 1763; ICI 1149, 30 min.; IFF 350, 5 min.; FF 481, 4 hours and 34 minutes; FCI 1149, 2 hours; FH 1763; D H T 96 Degrees.

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

Company THE PURE OIL COMPANY

Address P.O. BOX 1611

Casper, Wyoming

Ph: 234-1565

ORIGINAL SIGNED BY
R. E. DAVIS

By R. E. Davis

Title District Office Manager

Copy 1/10

C O N F I D E N T I A L

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

Form 9-831a
(Feb. 1961)

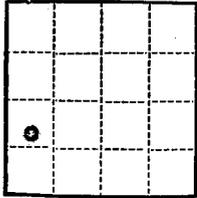
Released
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. USA U-089097

Unit Big Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

December 2, 1963

Big Indian Unit

Well No. 4 is located 1280 ft. from N line and 1290 ft. from W line of sec. 14

SW SW Sec. 14
($\frac{1}{4}$ Sec. and Sec. No.)

30S
(Twp.)

25E
(Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

U.G. Ground

The elevation of the ~~surface~~ above sea level is 6680 ft. KB 6678'

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)

12- 1-63:

DST NO. 5 - 4,333' - 4,361' - 28' - HERMOSA

Tool open 1 hour. Opened with good blow, decreased to no blow in 15 minutes. Remained dead for balance of test. Recovered 20' of drilling mud. Pressures: IH & FH 2084; 30 minute ICI 134; IF & FF 13; 30 minute FCI 53; BHT 102 deg.

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

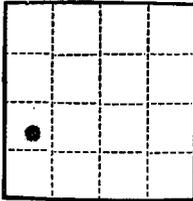
FH: 234-1565

ORIGINAL SIGNED BY

R. E. DAVIS

R. E. Davis

By _____
Title District Office Manager



(SUBMIT IN TRIPPLICATE)

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

Land Office Salt Lake City

Lease No. USA U-089097

Unit Big Indian

Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

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

December 9, 1963

Big Indian Unit

Well No. 4 is located 1290 ft. from NS line and 1290 ft. from W line of sec. 14

SW SW Sec. 14
(1/4 Sec. and Sec. No.)

308 29E
(Twp.) (Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~drill hole~~ ground above sea level is 6680 ft. **KB 6678'**

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)

12-8-63: DST NO. 6 - 4,619' - 4,664' - HERMOGA

Tool open 90 minutes. 1/4" choke for 15 minutes. Gas to surface in 10 minutes. 27# pressure for 15 minutes. Opened choke to 1/2", pressure 10# for 15 minutes. Opened choke to 5/8", pressure zero for 60 minutes. Gas flow estimated at 40,000 cubic feet per day. Remained constant throughout test. Recovered 10' of drilling mud. Pressures: IH 223; 30 minute ICI 1800#; IF 57#; FF 28#; 30 minute PCI 1603#; PH 2195#.

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

PH: 234-1565

ORIGINAL SIGNED BY

R. E. DAVIS

By _____

R. E. Davis

Title District Office Manager

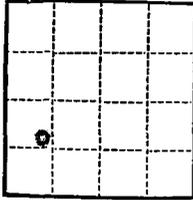
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. USA 4-059097

Unit Big Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Sec. 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

December 20, 1963

Big Indian Unit
Well No. 4 is located 1290 ft. from N line and 1290 ft. from W line of sec. 14

30 30 Sec. 14 30 25 Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} ~~floor~~ above sea level is 6680 ft. KB 6678

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)

Drilled to 5,360' T.D. Drilling completed at 2:15 a.m. 12-15-63. Ran electric logs. Set 137 jts. 5-1/2" OD 11# and 17# casing, with Baker float shoe and float collar, at 4432' KB. Cemented with 700 sax 50-50 Pozmix, 2% gel. Displaced with mud. Good returns. Job complete at 6:30 a.m. 12-18-63. Now W.O.C. and nipping up.

LOG TOPS:

Hermosa 2,860' (+3827)
Paradox A 5,080' (+1607)
Paradox B 5,360' (+1354)

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

Company THE PURE OIL COMPANY

Address P. O. Box 1611

Casper, Wyoming

PH: 234-1565

ORIGINAL SIGNED BY

R. E. DAVIS

By _____

R. E. Davis

Title District Office Manager

C O N F I D E N T I A L

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R3323
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of December 1963

Agent's address P. O. Box 1611 Company THE PURE OIL COMPANY
Casper, Wyoming Signed R. E. Davis
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu.ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. 067131-B										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA SL 070052										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA U-089097										
SW SW Sec. 14 Big Indian	30S	25E	4	-0-	Drilling Well					Drilled 4,330' - 4,361'. DST No. 5 - 4,333' - 4,361' - Hermosa. Drilled to 4,664'. DST No. 6 - 4,619' - 4,664' Hermosa. Drilled to 5,360' T.D. Drilling completed 12-15-63. Ran electric logs. Set 137 jts. 5-1/2" OD 11# and 17# casing with Baker Float shoe and float collar at 4,432'. Cemented with 700 sack 50-50 Pozmix, 2% gel. Job complete 12-18-63. Rig released at 4:00 p.m. 12-18-63. Waiting on workover rig to perforate and complete well. LOG TOPS: Hermosa 2,860' (+3827) Paradox A 5,080' (+1507) Paradox B 5,333' (+1354)

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

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

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

12.



THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • CASPER DISTRICT
P. O. BOX 1611 • CASPER, WYOMING • PHONE 234-1565

January 20, 1964

John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Re: Annual Review - 1963
Plan of Development - 1964
Big Indian Unit
San Juan County, Utah
No. 14-08-0001-8194

Dear Sir:

Big Indian Unit Well #3 located 2300 feet north of the south line and 2300 feet east of the west line (NE SW) in Section 10, T-30S, R-25E, was completed March 12, 1963, as a non-commercial discovery in the Hermosa. Producing rate upon completion of testing was 8 BOPD and 103,808 cubic feet of gas per day on a 20/64" choke. The well has remained shut-in since the above date.

Big Indian Unit Well #4 located 1280 feet north of the south line and 1290 feet west of the east line (C SW) in Section 14, T-30S, R-25E, was spudded October 19, 1963, and drilled to a total depth of 5360 feet. Surface casing (10-3/4") was set at 1047 feet and cemented with 330 sacks. Re-cemented back side of surface with 300 and 50 sacks on two occasions to obtain satisfactory job. Six (6) open hole drill stem tests were run while drilling, two of the tested intervals indicating possible commercial gas production. Production casing (5-1/2") was set at 4432 feet and cemented with 700 sacks. The well was shut-in and drilling rig released on December 18, 1963. A service rig was moved on location January 11, 1964, to systematically test potential horizons. Preliminary tests to date are inconclusive and incomplete.

Big Indian Unit Well #1, SE NE Section 33, T-29S, R-24E, was tested for a period of 27 days in July, 1963. Cumulative production for the 27 days was 3496 barrels of 65.4 gravity condensate and 217,357 MCF of gas with no water. The well has been shut-in since the test period.

The Pure Oil Company, as Operator of the Big Indian Unit, respectfully submits for the Supervisor's consideration and approval the following Plan of Development for 1964.

- A. Following and dependent upon test results of Unit Well #4, a supplemental Plan will be filed in regard to Hermosa development.
- B. Pure desires and will seek working interest approval to drill an additional Mississippian well at a mutually agreed upon location.
- C. Pure, upon approval of working interest owners, will submit to the Director through the Supervisor an initial participating area for the Mississippian based upon the established production in Unit Well #1 SE NE Section 33, T-29S, R-24E.

Yours truly,



Charles R. Clark
District Development Geologist

SUMMARY OF PRODUCTION - 1963

BIG INDIAN UNIT - SAN JUAN COUNTY, UTAH

Number of Wells 12-31-63	Hermosa	Mississippian
Drilling	0	0
Producing	0	0
Shut In	2	1
Abandoned	2	1
December Production - 1963		
Oil - Bbls.	0	0
Gas - MCF	0	0
Natural Gas Liquids	-	-
Water - Bbls.	0	0
Annual Production - 1963		
Oil - Bbls.	0	3,690 (Cond)
Gas - MCF	0	224,334 (Est)
Natural Gas Liquids	0	0
Water - Bbls.	0	69 (Est)
Cumulative Production to 12/31/63		
Oil - Bbls.	0	4,814 (Cond)
Gas - MCF	0	287,000 (Est)
Natural Gas Liquids	0	0
Water - Bbls.	0	69 (Est)

BIG INDIAN UNIT ADDRESS LIST

Stumble Oil & Refining Company
P. O. Box 120
Denver 1, Colorado

Jack A. DuBell
608 Newhouse Building
Salt Lake City, Utah

Texas Eastern Transmission Corp.
P. O. Box 2521
Houston 1, Texas

S. G. Merritt
414 Johnson Bldg.
Denver, Colorado

The Superior Oil Company
P. O. Box 600
Denver, Colorado

Belco Petroleum Corporation
630 3rd Avenue
New York 17, New York

Resource Ventures Corp.
P. O. Box 561
Salt Lake City, Utah

Col-U-Mex Uranium Corp.
1370 South 3rd West
Salt Lake City 15, Utah

United Technical Industries, Inc.
5221 South Major Street
Murray, Utah

Bert Gordon, Chester Gordon
and Donald Gordon
1622 Arapahoe Street
Denver 2, Colorado

Fred Immergluck
316 No. Rossmore
Los Angeles, California

Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico

Clyde A. Hill
P. O. Box 1305
Albuquerque, New Mexico

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-83345
Land Office Salt Lake
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

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

Agent's address P. O. Box 1611 Company THE PURE OIL COMPANY

Casper, Wyoming Signed R. E. Davis

Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Ebbl. of Oil	Gravity	Cu.ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	BBls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>LEASE NO. 067131-B</u>										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA SL 070052</u>										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA U-089097</u>										
SW SW Sec. 14 Big Indian	30S	25E	4	-0-	See Supplemental Sheet Attached					

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

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

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

C O N F I D E N T I A L

LESSEE'S MONTHLY REPORT OF OPERATIONS

Big Indian Unit No. 4
SW SW, Sec. 14, 30S, 25E
San Juan County, Utah

Land Office: Salt Lake
Lease Number: See Below
Unit: Big Indian

Lease No. USA U-089097

Barker Well Service moved in and rigged up on January 11, 1964. Ran 2-7/8" tubing to 4,364' PBTD. Displaced mud out of hole with salt water. Pulled tubing. Ran Correlation and Collar Logs.

McCullough perforated with 3 - 35 gram super casing jet shots per foot from 3,808' - 3,812' and 3,824' - 3,832'. Packer set at 3,795'. Swabbed load water to pit. Nothing coming in. Well pressured to 350# overnight, but bled off to zero immediately when opened. Swabbed down. No fluid.

Pulled packer and tubing and perforated with Wellex bear gun with one shot at 3,830', 3,827' and 3,810'. Ran tubing and packer. Packer set at 3,765'. Swabbed load water to tank. Well made small amount of gas, estimated 20-22,000 cu. ft. per day. Swabbed from 3,761'. No increase in gas, no fluid. Pulled tubing.

McCullough perforated with 3 - 35 gram jet shots per foot 3,626' - 36'; 3,572' - 82' and 3,546' - 58'. Swabbed load water to tank. Acidized perfs 3,626' - 36' with 250 gals. MCA 7-1/2% acid. Packer set at 3,604'. Maximum pressure 3500#. Displaced acid with salt water. Swabbed load water and acid water to pit. Small flare of gas on each run of swab, too small to measure.

Pulled up Model "R" packer. Picked up Baker Bridge plug and set bridge plug at 3,600'. Packer set at 3,565' to test perfs 3,572' - 82'. Swabbed load water to tank. Fluid began increasing when well was swabbed to 2,700'. Opened well to pit and flowed three hours and then shut in. Well head pressure 1000# after being shut in overnight. Opened to pit through meter run. Gas flow measured 470,000 cu. ft. per day with 400# back pressure. Increased back pressure to 590#. Gas measured 377,000 cu. ft. per day. Decreased back pressure to 200# and gas measured 601,000 cu. ft. per day. Decreased pressure to 80#. Gas 717,000 cu. ft. per day. Shut well in.

Set bridge plug at 3,562' and Baker Model "R" packer at 3,486' to test perfs 3,546' - 58'. Swabbed well down to top of packer. Small flare of gas with each pull of swab. Attempted to acidize perfs 3,546' - 58' with 250 gals. MCA 7-1/2% acid. Packer failed. Pulled packer and ran Baker Model "R2" packer and set at 3,511' to test perfs 3,546' - 58'. Broke down formation with 300 gallons MCA 7-1/2% acid. Maximum pressure 3500#. Displaced acid with salt water. Swabbed well down. Turned well through meter run and gas measured 78,290 cu. ft. per day on 1 hour flow at 60 psi back pressure. Pulled bridge plug and packer.

McCullough perforated with 3 - 35 gram super casing jet shots per foot 3,428' - 3,440'; 3,476' - 3,494' and 3,498' - 3,502'. Set bridge plug at 3,520', Model "R" packer at 3,452', to test perfs 3,476' - 3,494' and 3,498' - 3,502'.

C O N F I D E N T I A L

Big Indian Unit No. 4 - Continued

Swabbed load water to tank. Swabbed to 2,500' and well began unloading salt water to tank. Gas measured 2,296 MCF with 210# back pressure; 1,724 MCF with 600# back pressure.

Set bridge plug at 3,452', packer at 3,392'. Acidized perms 3,428' - 40' with 250 gals. MCA 7-1/2% acid. Maximum pressure 3500#. Swabbed displacement water to tank. Gas measured 690,084 cu. ft. per day, 60# back pressure. Pulled tubing and packer.

Set bridge plug at 3,800'. Ran 2-7/8" CS Hydril tubing and set in packer at 3,405.15'. Swabbed load oil to tank and cleaned well to pit. Ran BHP bomb and opened well. Flowing BHP at end of 20 hours was 502#, flowing at rate of 1,814 MCFD on 32/64" choke. At end of 30 hours, flow rate 1,871 MCF on 32/64" choke, flowing bottom hole pressure 495#.

Testing incomplete.

CONFIDENTIAL
UNITED STATES

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Released 3/23/64

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

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
THE PURE OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1280' FSL and 1290' FWL**
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian Unit

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T30S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

10-19-63

12-15-63

2-5-64

OR 6686; KB 6678

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

5,360'

3,800' BP

→

0' - 5360'

3,428' - 3,650' - Hermosa

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

IES, MicroLog and SCR and CDM from 1047 to 2900

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	39'KB	20"	35 sax	None
10-3/4"	40.50#	1,047'	13-3/4"	780 sax	None
5-1/2"	11# & 17#	4,432'	7-7/8"	700 sax	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					See Attachment No. 1		

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

See Attachment No. 1

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

See Attachment No. 1

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

See Attachment No. 1

Shut in

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

1 attachment

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

ORIGINAL SIGNED BY

SIGNED **R. E. DAVIS**

TITLE **District Office Manager**

DATE **2-25-64**

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

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

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

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

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

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SEE ATTACHMENT NO. 1			

FEB 27 1964

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HIO INDIAN UNIT NO. 4

ATTACHMENT NO. 1

5,360' TD; 4,364' PBD; 3,800' Bridge Plug

Barker Well Service moved in and rigged up January 11, 1964. Picked up 2-7/8" tubing and ran to 4,364'. Displaced mud out of hole with salt water.

Ran Correlation and Collar Logs. McCullough perforated with 3 - 35 gram super casing jet shots per foot from 3,808' - 3,812'; 3,824' - 3,832'. Swabbed load water to pit. Nothing coming in. Packer set at 3,795'. Well pressured to 300# overnight. Opened well to pit and well bled off immediately. Swabbed to bottom. No fluid.

Pulled packer and tubing. Welox perforated with bear gun with one shot at 3,830', 3,827' and 3,830'. Ran tubing and set packer at 3,765'. Swabbed load water to tank. Well made small flare of gas, estimated 20-22,000 cu. ft. per day. Pulled tubing.

McCullough perforated with 3 - 35 gram jet shots per foot 3,626' - 36'; 3,572' - 82' and 3,546' - 58'. Swabbed load water to tank, from packer at 3,604'. No recovery. Acidized perfs 3,626' - 36' with 250 gals. MCA 7-1/2% acid. Maximum pressure 3500#. Displaced acid with salt water. Swabbed load water to tank. Swabbed acid water to pit. Small flare of gas on each pull of swab. Flare too small to measure. Pulled up Model "R" packer, picked up Baker bridge plug and set bridge plug at 3,600'. Pulled Model "R" packer to 3,565' and set same to test perfs 3,572' - 82'. Swabbed load water to tank. Fluid began increasing when well was swabbed to 2,700'. Opened well to pit and well started flowing gas and water to pit. Cleaned to pit and shut in overnight. Well head pressure 1000#. Opened well to pit for test. Gas measured 470,000 cu. ft. per day on 1 hour flow with 400# back pressure. Increased back pressure to 590#, gas measured 377,000 cu. ft. Decreased back pressure to 200#, gas measured 601,000 cu. ft. per day on 1 hour flow. Decreased back pressure to 80#, gas measured 717,000 cu. ft. per day.

Released packer. Pulled up bridge plug and set at 3,563', Baker Model "R" packer set at 3,486', to test perfs 3,546' - 58'. Swabbed down to top of packer. Small flare of gas. Spotted 250 gals. MCA 7-1/2% acid on perfs. Pressured to 3500#. Packer failed. Pulled packer.

Ran Baker Model "R2" packer and set at 3,511' to test perfs 3,546' - 58'. Broke formation down with 300 gals. MCA 7-1/2% acid. Maximum pressure 3500#. Displaced acid with salt water. Swabbed well in and turned to pit. Turned through meter run, 60# back pressure, gas measured 78,290 cu. ft. per day on 1 hour flow. Pulled bridge plug and packer.

CONFIDENTIAL

BIG INDIAN UNIT NO. 4

ATTACHMENT NO. 1

McCullough perforated 3,428' - 3,440'; 3,476' - 3,494'; 3,498' - 3,502' with 3 - 35 gram super casing jet shots per foot. Ran Baker Model "R" packer, Baker retrievable bridge plug and 2-7/8" tubing. Set bridge plug at 3,520', packer at 3,452' to test perfs 3,476' - 3,494' and 3,498' - 3,502'. Swabbed load water to tank. Swabbed down to 2,500' and fluid began rising and well began unloading. Turned to pit to clean and ran test. Gas measured from 2,296 MCFD with 210# back pressure to 1,724 MCFD with 600# back pressure.

Raised and set Baker bridge plug at 3,452', Model "R2" packer at 3,392'. Swabbed load water to tank. Well made small amount of gas, too small to measure. Acidized perfs 3,428' - 3,440' with 250 gals. MCA 7-1/2% acid. Maximum pressure 3500#, 1/2 bbl. per minute. Broke to 2200#. Swabbed displacement water and turned to pit to clean and then turned through meter run. Gas measured 609,084 cu. ft. per day.

Set bridge plug at 3,800'. Reversed out load water with oil. Palled tubing. Re-ran tubing, leaving the following as production strings:

1 - 8' shop made perforated anchor with 84 - 3/8" holes drilled in same, orange peeled and welded on bottom	7.96'
1 - Baker Model "R" production packer	5.50'
1 - 2-7/8" EUE pin x 2-7/8" CS Hydril change over sub	.81'
109 jts. - 2-7/8" CS Hydril tubing	3,383.20'
1 - 2-7/8" x 4' EUE x CS Hydril change over nipple	4.06'
1 - 2-7/8" x 6' EUE nipple	6.08'

Set packer at 3,405.15'. Removed BOP's and set Xmas tree. Swabbed load oil to tank. Flowed well to pit for four hours to clean up and then shut in. Released Barker Well Service rig at 5:00 p.m. 1-23-64.

Ran 24 hour bottom hole pressure bomb in well and opened well to flow at 12:00 noon 1-29-64. At 2:00 p.m. flow rate 1.5 MCF at 400-405 psi tubing pressure, 3/4" bean on choke at well head.

Flowed well until 2-6-64 when well was shut in and bottom hole pressure bomb was pulled and re-ran.

I.P. for record 2-5-64: Flowed at rate of 2,327 MCFD thru 32/64" choke. Final flowing bottom hole pressure 487 psi. No liquids recovered. Buildup pressure test results show 1106 psi BHP after 240 hours shut in. Produced 14.6 million feet of gas on draw down test. Gas analysis shows gross BTU at 60° F. and 14.7 psia as 1154. Specific gravity observed 0.690. GPM content of gas 1.839. Well shut in.

CONFIDENTIAL

BIG INDIAN UNIT NO. 4

ATTACHMENT NO. 1

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
0	98	98	Sandstone
98	2,870	2,772	Sand and shale
2,870	2,947	77	Lime, shale & iron pyrite
2,947	3,189	242	Sand and shale
3,189	3,460	271	Sand and gray shale
3,460	4,164	704	Sand, shale and lime
4,164	4,361	197	Sand and shale
4,361	4,416	55	Sand, shale and lime
4,416	4,678	262	Lime
4,678	4,798	120	Lime and dolomite
4,798	4,960	162	Lime, dolomite and chert
4,960	5,108	148	Lime and shale
5,108	5,244	136	Lime, dolomite and shale
5,244	5,360 T.D.	116	Shale

FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
<u>Cretaceous</u>		
Dakota	Spuds	
<u>Jurassic</u>		
Morrison (Sapl)	100	(+6587)
Entrada (Sapl)	670	(+6017)
Navajo	1,078	(+5609)
Kayenta	1,805	(+4882)
<u>Triassic</u>		
Wingate	2,062	(+4625)
Chinle	2,333	(+4354)
Moenkopi & Cutler not recognizable if present.		
<u>Permian</u>		
Absent		
<u>Pennsylvanian</u>		

Continued on next page

CONFIDENTIAL

HUG INDIAN UNIT NO. 4

ATTACHMENT NO. 1

FORMATION TOPS - CONTINUED

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
<u>Pennsylvanian - Continued</u>		
Hermosa	2,860	(+3827)
"La Sal Ls"	4,330	(+2357)
Paradox "A"	5,080	(+1607)
Paradox "B"	5,333	(+1384)
Total Depth	5,360	(+1327)

DRILL STEM TESTSDST NO. 1 - 2,996' - 3,021' - HERMOSA

Tool opened with very weak blow and remained steady throughout test. No fluid or gas to surface. Recovered 5' of drilling fluid. Pressures: IH 1476; ICI and FCI 87 - 30 minutes; IF 43 - 5 minutes; PF 43 - 60 minutes; FH 1432; Bottom hole temperature 93°.

DST NO. 2 - 3,458' - 3,507' - HERMOSA

Tool open 1 hour and 5 minutes. Opened with very strong blow. Gas to surface in 2 minutes. Gas measured 5.6 MFCFD, 370# flowing pressure on 3/4" choke. Recovered out through circulating sub. Recovered 90' of gas out drilling mud with condensate film below circulating sub. Pressures: IH & FH 1683; ICI 1149 - 30 minutes; IF 750 - 5 minutes; PF 777 - 65 minutes; FCI 1123 - 80 minutes; Bottom hole temperature 94°.

DST NO. 3 - 3,456' - 3,506' - HERMOSA

Tool open 1 1/4 hours and 15 minutes. Opened with very strong blow. Gas to surface in 1-3/4 minutes. Flow pressure behind 3/4" choke, 520#. Flow pressure through tester 285#. Gas metered at 3.365 MFCFD. Recovered 90' of gas and condensate cut drilling mud. Pressures: IH 1720; 30 minute ICI 1129; 5 minute IF 673; PF 727; 1 hour FCI 1129; FH - None - Clock ran down; Bottom hole temperature 98°.

DST NO. 4 - 3,543' - 3,647' - HERMOSA

Tool opened with a very strong blow, gas to surface in 3 minutes. Gas metered 1.4 MFCFD, .915 gravity, 355# pressure behind 3/4" choke, 260# pressure on tester. Recovered 120' of gas cut drilling mud. Pressures: IH 1763;

CONFIDENTIAL

BIG INDIAN UNIT NO. 4

ATTACHMENT NO. 1

DRILL STEM TESTS - CONTINUEDDST NO. 4 - CONTINUED

30 minute ICI 1149; 5 minute IF 350; FF 484; 4 hr. and 34 minute FCI 1149; 2 hr. FH 1763; Bottom hole temperature 96°.

DST NO. 5 - 4,333' - 4,361' - HERMOSEA

Tool open one hour. Opened with good blow, decreased to no blow in 15 minutes. Remained dead for balance of test. Recovered 20' of drilling mud. Pressures: IH & FH 2084; 30 minute ICI 134; IF & FF 13; 30 minute FCI 53; Bottom hole temperature 102°.

DST NO. 6 - 4,619' - 4,664' - HERMOSEA

Tool open 90 minutes, 1/4" choke for 15 minutes. Gas to surface in 10 minutes. 27# pressure for 15 minutes. Opened choke to 1/2", pressure 10# for 15 minutes; opened choke to 5/8", pressure zero for 60 minutes. Gas flow estimated at 40,000 cu. ft. per day. Remained constant throughout test. Recovered 10' of drilling mud. Pressures: IH 2223; 30 minute ICI 1800; IF 57; FF 28; 30 minute FCI 1603; FH 2195.

CONFIDENTIAL

50th YEAR



THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • DISTRICT OPERATIONS
P. O. BOX 1611 • CASPER, WYOMING 82602 • AREA CODE 307-234-1565

February 26, 1964

Mr. Cleon B. Feight, Executive Director
Utah Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

In reference to our letter dated November 21, 1963, requesting that all information concerning Big Indian Unit No. 4 well, located in the SW SW, Sec. 14, T-30S, R-25E, San Juan County, Utah, be held as confidential, The Pure Oil Company respectfully requests that all information on this well be treated as "Confidential" for an additional ninety (90) days.

Yours very truly,

THE PURE OIL COMPANY

R. E. Davis
District Office Manager

RED:js

cc: C. L. Harr

10.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-33565
Land Office Salt Lake
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

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

Agent's address P. O. Box 1611 Company THE PURE OIL COMPANY
Casper, Wyoming Signed R. E. Davis

Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cuft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>LEASE NO. 067131-B</u>										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA SL 070052</u>										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA U-089097</u>										
SW SW Sec. 14 Big Indian	30S	25E	4	7*	-0-	-	14,600	-	None	Flowed well through 2-5-64 and then shut in for BHP buildup test. I.P. for record: 2-5-64: Flowed at rate of 2,327 MCFD, thru 32/64" choke. Final flowing bottom hole pressure 487 psi. No liquid recovered. Buildup pressure test results show 1106 psi BHP after 240 hours shut in. Calculated maximum buildup 1120 psi after producing 14.6 million feet of gas on draw down test. Gas analysis shows gross BTU at 60° F. and 14.7 psia as 1154. Specific gravity observed 0.690. GPM content of gas 1.839. Well shut in.

* Gas production covers period from 1-29-64 thru 2-5-64.

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

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

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

50th YEAR



THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • DISTRICT OPERATIONS
P. O. BOX 1611 • CASPER, WYOMING 82602 • AREA CODE 307-234-1565

March 17, 1964

Mr. Cleon B. Feight, Executive Director
Utah Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

In reference to our letters dated November 21, 1963 and February 26, 1964, requesting that all information concerning Big Indian Unit Well No. 4, located in the SW SW, Sec. 14, T-30S, R-25E, San Juan County, Utah, be held as "confidential", please be advised that this classification is no longer necessary.

Thank you for your cooperation in this matter.

Very truly yours,

THE PURE OIL COMPANY

R. E. Davis
District Office Manager

RED:js

March 23, 1964

The Pure Oil Company
P. O. Box 1611
Casper, Wyoming

Re: Well No. Big Indian Unit #4
Sec. 14, T. 30 S., R. 25 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric logs for the above mentioned well are due and have not been filed with this office as required by our rules and regulations.

Also, it would be appreciated if you would complete and return the enclosed forms OGCC-8-X, "Report of Water Encountered During Drilling".

Thank you for your consideration in this request. Please indicate if you want the electric logs held confidential.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure

50th YEAR



THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • DISTRICT OPERATIONS
P. O. BOX 1611 • CASPER, WYOMING 82602 • AREA CODE 307-234-1565

March 24, 1964

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah 84111

Attn: Miss Clarella N. Peck
Records Clerk

Re: Big Indian Unit Well No. 4
Sec. 14, T-30S, R-25E
San Juan County, Utah

Dear Miss Peck:

In reference to your letter of March 23, 1964, enclosed please find the electric logs for Big Indian Unit Well No. 4, located in Sec. 14, T-30S, R-25E, San Juan County, Utah. We regret the delay in getting these logs to you, but we thought the distribution of these logs had been made from the field.

Form OGCC-8-X, "Report of Water Encountered During Drilling" is also enclosed. There were no water sands encountered in the drilling of this well.

It is no longer necessary that any information on the Big Indian Unit Well No. 4 be held as confidential. We thank you for your cooperation in this matter in the past.

Yours very truly,

THE PURE OIL COMPANY

R. E. Davis
District Office Manager

RED:js

Encl: (4)

2 copies to W

P. 1/2

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Big Indian Unit Well No. 4

Operator The Pure Oil Company P.O. Box 1611
Address Casper, Wyoming Phone 234-1565

Contractor Moran Bros. Address _____ Phone _____

Location: SW 1/4 SW 1/4 Sec. 14 T. 30 N R. 25 E
S N San Juan County, Utah.

Water Sands: None encountered

<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.	<i>none</i>		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

MAR 25 1964

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)

4.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T-308, R-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Pure Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1280' FSL and 1290' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
OR 6686'; KB 6678'

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"/>	

(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 following remedial work is proposed:

Will treat down 2-7/8" tubing, without pulling tubing or packer, using 400 gallons of alcohol, 10 gallons detergent and approximately 15 tons of CO₂ in attempt to correct formation damage. Treatment will be through perforations in the Hermosa 3626'-36'; 3572'-82'; 3546'-58'; 3428'-40'; 3476'-94' and 3498'-3502'. Alcohol to be displaced into formation, let soak 12 - 24 hours and then flow well to clean up. Drawdown and buildup tests will be conducted.

It is anticipated that work will begin April 10, 1964.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 4-8-64 by Paul W. Burchell
CHIEF PETROLEUM ENGINEER

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

ORIGINAL SIGNED BY

SIGNED R. E. DAVIS TITLE District Office Manager DATE April 7, 1964

(This space for Federal or State office use)

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WELDCAT

Big Indian - Hermosa

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

Sec. 14, T-30S, R-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Pure Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1280' FSL and 1290' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
OR 6686'; KB 6678'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Supplementary Well History
REPAIRING WELL
ALTERING CASING
ABANDONMENT*
(NOTE: Report results of multiple completion or 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.)*

SEE SUPPLEMENTAL SHEET ATTACHED

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

SIGNED R. E. DAVIS TITLE District Office Manager DATE 4-24-64
R. E. Davis

(This space for Federal or State office use)

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

plw

SUNDRY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 4
1280' FSL and 1290' FWL
Sec. 14, T-30S, R-25E
San Juan County, Utah

Lease: USA U-089097
Supplementary Well History

April 24, 1964

Barker Well Service moved in and rigged up. Killed well April 15, 1964. Pulled tubing. Sawed orange peeled end from tail pipe and reran tubing. Installed Xmas tree and swabbed well in. Released rig at 7:00 p.m. 4-15-64.

On April 16 rigged up Lane-Wells and ran Neutron Log from 3,780' to 3,400'. Hooked up Halliburton and pumped in 20 tons of CO₂. First 5 tons were mixed with 600 gallons of isopropyl alcohol and 10 gallons Howco suds. Started pumping with 1100# pressure. Pressure gradually increased to 2500#, at which time all of the alcohol was in well. Alcohol injection shut off and pressure dropped to 1500#. Pressure of 1500# held for approximately 10 minutes. Pressure then dropped to approximately 1050#. 250# shut down pressure. Remained 250# for approximately 20 minutes. Disconnected Halliburton and installed pressure gauge. Pressure on tubing 400#. Shut down for night.

Shut in surface pressure at 6:00 a.m. 4-17-64, 790#. Opened well to pit at 6:15 a.m. on 3/4" choke. Flowed CO₂ and no water. Flowed heads of gas from 8:15 a.m. to 9:15 a.m. Lit flare. Estimated flow rate 4-1/2 MMCFD.

On April 18, flowing pressure 300# at 12:00 noon. Put well through separator at 1:00 p.m., 3/4" choke at tree, 1/2" choke at separator. Flowing TP 540#. Estimated flow rate 3-1/2 MMCFD. Testing - Incomplete.

4-

copy of

113

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R3535
Land Office Salt Lake
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 1 of 2

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of April 1964

Agent's address P. O. Box 1611 Company The Pure Oil Company
Casper, Wyoming Signed R. E. Davis

Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. ft. of Gas (in Thou.)	Gal. of Gasoline Recovered	Ebbs. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>LEASE NO. 067131-B</u>										
SE NE Sec. 33 Big Indian Unit No. 1	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA SL 070052</u>										
NE SW Sec. 10 Big Indian Unit No. 3	30S	25E	3	-0-	-0-	-	-0-	-	None	Well shut in entire month.
<u>LEASE NO. USA U-089097</u>										
SW SW Sec. 14 Big Indian Unit No. 4	30S	25E	4	14	-0-	-	42,171	-	None	Barker Well Service moved in and rigged up on April 14, 1964. Killed well. Pulled tubing. Sawed orange peeled end from tail pipe and reran tubing. Well was swabbed in and cleaned to pit six hours.
On April 16, 1964, rigged up Lane-Wells and ran Neutron Log from 3,780' to 3,400'. Halliburton pumped in 20 tons of carbon dioxide. The first five tons were mixed with 600 gals. of isopropyl alcohol and 10 gallons of Howco suds. Started pumping with 1100# pressure. Pressure gradually increased to 2500#, at which time all of the alcohol was in the well. Alcohol injection shut off and pressure dropped to 1500#. Pressure of 1500# held for approximately 10 minutes then dropped to approximately 1050#. 250# shut down pressure. Remained 250# for approximately 20 minutes. Disconnected Halliburton and installed pressure gauge. Pressure on tubing 400#. Shut well in for night. (Cont'd)										

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 41-R-3335
Land Office Salt Lake
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 2 of 2

State Utah County San Juan Field Big Indian

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

Agent's address P. O. Box 1611 Company The Pure Oil Company
Casper, Wyoming Signed R. L. Davis
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. USA U-089097										
SW SW Sec. 14	30S	25E	4							
Big Indian Unit No. 4 - Continued										
Shut in surface pressure at 6:00 a.m. 4-17-64, 790#. Opened well to pit at 6:15 a.m. on 3/4" choke. Flowed carbon dioxide and no water, for two hours, then heads of gas. Gas flow metered at 3,165 MCFD. After cleanup, ran second Neutron Log against a flowing pressure of 350 psi. Turned well through separator at 1:00 p.m. 4-18-64. Well flowing on test.										
The above carbon dioxide and alcohol treatment was done in conjunction with the United States Department of Interior, Bureau of Mines, Bartlesville Petroleum Research Center, on an experimental basis.										

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. USA V-089897
2. NAME OF OPERATOR The Pure Oil Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Big Indian
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming	7. UNIT AGREEMENT NAME Big Indian Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1280' FSL and 1290' FWL	8. FARM OR LEASE NAME Big Indian Unit
14. PERMIT NO.	9. WELL NO. 4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6686'; KB 6678'	10. FIELD AND POOL, OR WILDCAT Big Indian - Hermosa
	11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-30S, R-25E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

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

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

(NOTE: Report results of multiple completion or 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.)*

Well tested from April 18, 1964, through May 17, 1964. See attached Gas Production Test Data.

Well shut in May 17, 1964. Flow test complete.

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

ORIGINAL SIGNED BY
SIGNED R. E. DAVIS TITLE District Office Manager DATE 7-20-64
R. E. Davis

(This space for Federal or State office use)

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

BIG INDIAN UNIT WELL #4

GAS PRODUCTION TESTS

APRIL 18 - MAY 17, 1964

<u>Date</u>	<u>Flowing Temp. °F</u>	<u>Static Pressure psig</u>	<u>Volume MCF</u>
April 18	94	295	3,165
19	94	300	3,235
20	98	295	3,095
21	98	200	2,975 (e)
22	94	305	2,855
23	94	330	3,531
24	94	320	3,489
25	82	315	3,431
26	82	315	3,432
27	82	300	3,348
28	75	305	3,426
29	80	285	3,205
30	80	270	2,984
May 1	84	290	3,271
2	84	300	3,236
3	90	300	3,029
4	50	305	3,025
5	85	300	3,128
6	83	300	2,986
7	84	300	2,795
8	85	300	3,102
9	92	300	3,099
10	87	300	3,064
11	96	300	3,006
12	97	300	2,996
13	83	300	2,939
14	84	300	2,909
15	84	300	2,907
16	83	300	2,934
17	84	300	2,818

PMB

34
SPEED LETTER

Kap
PURE Oil Company
P. O. Box 1611
Casper, Wyoming

TO Oil & Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah

SUBJECT Well No. Big Indian Unit #4, Sec. 14, T. 30 S., R. 25 E., San Juan County, Utah.

—FOLD

MESSAGE

DATE March 25, 19 65

Please advise as to the correct Kelly Bushing and Ground Elevations for the above mentioned well. Your previous reports indicate that the Kelly Bushing elevation is higher than the Ground elevation.

Thank you.

SIGNED

Kathy P. Skarnes

REPLY

DATE March 26, 19 65

Electrical logs that were run on Big Indian Unit No. 4 show GL 6675', KB 12' above GL or 6687'.

—FOLD

SIGNED

John Strong



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER See Below
UNIT Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

PF

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1975,

Agent's address P. O. Box 2620 Company Union Oil Company of California
Casper, Wyoming 82601 Signed V. E. Dungan
Phone 234-1563 Agent's title Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	Days Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>HERMOSA PARTICIPATING AREA</u>										
<u>LEASE NO. USA 89097</u>										
<u>SW SW</u>	<u>30S</u>	<u>25E</u>	<u>4</u>	<u>23</u>	<u>0</u>		<u>19,110</u>		<u>*115</u>	

GAS (MCF)
Sold 18,677
Went 0
Off Lease 0
433

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month NONE
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

NOTE.—There were No runs or sales of oil; 18,677 M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian Unit

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T.30S., R.25E.

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82601

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

At surface

1280' FSL & 1290' FWL

14. PERMIT NO.

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

6686' GR; 6678' KB

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

RECOMPLETE IN HONAKER TRAIL FORMATION

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

5360' T.D.

The Big Indian Unit Well #4 is currently perforated in the lower zones of the Honaker Trail Formation. Union Oil Company proposes to set a C.I. cement retainer above the present perforations and perforate higher in the Honaker Trail. The production out of the present perfs has declined to a point where they will not produce sufficient gas for the Lisbon Unit fuel requirements. A cement retainer is utilized to separate the perfs so that as the pressure in the upper perfs decreases to the present pressure in the lower perfs, the retainer can be removed and all perfs produced.

Union Oil Company plans to commence operations immediately upon approval.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Feb. 18, 1976

BY: P. H. Ansell

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

SIGNED

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 2-11-76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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

SUBMIT IN TRIP DATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian Unit

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T.30S., R.25E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82601

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

1280' FSL & 1290' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6686' GR; 6678' KB

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

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

5360' O.T.D.

MIRU. Pumped 100 bbls. 4% KCl water down tubing with no returns. Well dead. Removed tree and installed BOP. P.O.O.H. with tubing. Ran & set packer above perfs at 3400' and pressure tested casing, surface to 3400', to 1600#/15 mins., O.K. Ran in and set packer at 3565' and swabbed tubing dry. POH with tubing. Ran and set Baker cement ret. on wireline at 3400'. Ran tubing, stung into ret., and made 4 swab runs. Swabbed dry. Had small gas blow. P.O. ret. up to 3300'. Loaded hole with 4% KCl water and spotted 300 gallons 7-1/2% BDA from 3300' to 3000'. P.O.H. Ran PDC log and dumped 2 sacks cement on ret. with bailer. PBTD 3388'. Perfed 5-1/2" casing with 37 holes, 3275-81', 3215-20', 3209-10', 3109-11', 3099-3103', 3061-69' and 3049-53'. No. F.L. change while perf. Ran packer to 2953'. Spotted acid to packer and set packer. Removed BOP and installed tree. Treated all perfs with 2500 gals. 7-1/2% BDA and 60 ball sealers at 1 bpm at 1200# to 4 bpm at 1800# to 3 bpm at 1900# with balls on perfs. Max. pressure 2100#. ISDP-tubing 1800#. Swabbed to 2947'/5 runs in one hour. Swabbed and recovered 28 bbls. of 78 bbl. KCl and acid water load. Tubing dry after 1 1/2 hours. Made small amount of gas continuously.

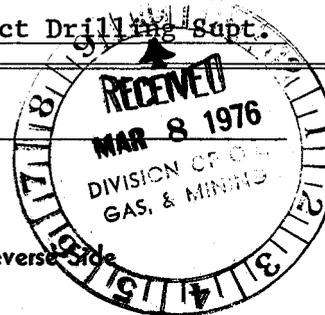
(CONTINUED ON ATTACHED SHEET)

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

SIGNED R. C. Ladd, Jr. TITLE District Drilling Supt. DATE 3-3-76
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Union Oil Company of California
Big Indian Unit Well No. 4
3-3-76

14 Hr. SITP 470#. Bled to zero in 2 mins. Ran swab. F.L. at 2500'. Swabbed 6 BF/2 hours with steady slight show gas. Swabbed with tubing dry for next 4 hours. Well kicked off and flowed 4 BAW and died. Swbd. 1-1/2 hours with no fluid recovered. Cont. small show gas. Rec. 38 bbls. of 78 bbls. KCl and acid load. S.D.O.N.

14 Hr. SITP 590#. C.P. zero. Bled tubing to zero immediately. Ran swab to top of packer at 2947'. No fluid. Ran swab each hour from 8:00 a.m. to 5:00 p.m. Recovered 1 barrel GCAW at noon, 10 gallons at 2:00 p.m. and 5 gallons at 5:00 p.m.; otherwise dry. Recovered 39 bbls. of 78 bbls. load. S.D.O.N.

14 Hr. SITP 610#. Bled to zero. No fluid at surface. Ran swab to 2947'. No fluid recovered.

Released rig. Shut in for pressure buildup. SITP 770#.

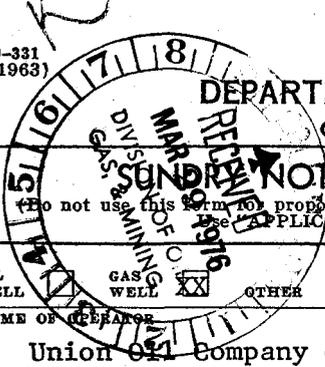
Shut in pending engineering treatment study.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

PI



5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian Unit

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T.30S., R.25E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82601

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

1280' FSL & 1290' FWL

14. PERMIT NO.

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

6686' GR; 6678' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Supplementary Well History

(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.)*

5360' T.D.

Moved in pulling unit. SITP 750#. P.U. on tubing. Opened by-pass, bled tubing pressure to atms. and well dead. Removed Xmas tree and installed B.O.P. P.O.O.H. with tubing. Ran straddle assembly. Set Model "C" ret. B.P. at 3300', packer at 3240'. Straddled perfs, 3275-81'. Checked F.L. at 950'. Swabbed tubing dry with no gas or fluid entry.

SITP (14 Hrs) 500#. Treated perfs 3275-81' with 675 gallons 4% KCl water with 2 gallons LST S74/1000 gallons water and 600 cu. ft. CO₂/bbl. water at 6 bbls./min. at 2300#. FPDP 2300#. ISDP 1650#. (30) 575#. Bled to zero immediately. Straddled perfs, 3215-3220' & 3209-10'. Swabbed tubing dry with no entry. Treated perfs with 675 gallons ditto treatment at 6 bpm at 2350#. ISDP 1800#. (30) 1300#. Bled to zero immediately. Straddled perfs, 3099-3103' & 3109-3111'. Swabbed tubing dry with no entry. Treated perfs with 675 gallons ditto treatment at 6 bpm at 2400#. FPDP 2500#. ISDP 2000#. (30) 1700#. Flowed back 1-1/2 bbls. and died. Straddled perfs, 3049-53' & 3061-69'. Swabbed tubing dry with no entry. Treated perfs with 675 gallons ditto treatment at 6 bpm at 3200#. FPDP 2950#. ISDP 2300#. (30) 2000#. Flowed 2 bbls. and well died. Retrieved B.P. Ran in and set at 3300'. Pulled packer to 2990' and well kicked off flowing thru tubing. Flowed 13 bbls. CO₂ and water. Well died.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED

R. G. Ladd, Jr.

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

3-24-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

U.S.G.S. Form 9-331

Union Oil Company of California
Big Indian Unit No. 4
Sundry Notice-Page 2
3-24-76

Set packer at 2990' with 9000# wt. Removed B.O.P. Installed Xmas tree. SITP (13 Hrs) 130#. C.P. zero. Bled to zero immediately with no fluid to surface. Swabbed 40 bbls. water/2-1/2 hours. F.L. surface to 2990' and tubing dry with very little gas.

SITP (15 Hrs). 340#. Bled gas to pit in 2 mins. No fluid. Swabbed to 2990'.

Turned well to orifice well tester - 1/8" orifice - measures 1910 cu. ft./day. Testing. Released rig.

(9)



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake LEASE NUMBER See Below UNIT Big Indian

LESSEES MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

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

Agent's address P. O. Box 2620 Company Union Oil Company of California

Casper, Wyoming 82601

Signed U. P. Dungan

Phone 234-1563

Agent's title Chief Clerk

Table with 10 columns: BBL. AND 1/4 OF 1/4, TWP., RANGE, WELL NO., DATE PRODUCED, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS, GALLONS OF GASOLINE RECOVERED, BARRELS OF WATER, REMARKS. Includes 'HERMOSA PARTICIPATING AREA' and 'SI ENTIRE MONTH'.

GAS (MCF) Sold None, Vented None, Off Lease None

OIL or CONDENSATE: (To be reported in Barrels) On hand at beginning of month None, Produced during month None, Sold during month None, Unavoidably lost None, Reason: None, On hand at end of month None

OIL AND GAS RECAP

OIL BBLs:

SOLD None, USED None, LOST None, REASON

GAS M.C.F.

SOLD None, USED None, VENTED None, LOST None, REASON

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER See Below
UNIT Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

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

Agent's address P. O. Box 2620 Company Union Oil Company of California

Casper, Wyoming 82601 Signed V. P. Dungan

Phone 234-1563 Agent's title Chief Clerk

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)
<u>HERMOSA PARTICIPATING AREA</u>										
<u>LEASE NO. USA 89097</u>										
<u>SW SW</u>	<u>30S</u>	<u>25E</u>	<u>4</u>	<u>0</u>	<u>None</u>		<u>None</u>	<u>None</u>	<u>None</u>	<u>SI Entire Month</u>

GAS (MCF)
Sold None
Vented None
Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month None
Produced during month None
Sold during month None
Unavoidably lost None
Reason: _____
On hand at end of month None

OIL AND GAS RECAP

OIL BBLs:		GAS M.C.F.
SOLD <u>None</u>		SOLD <u>None</u>
USED <u>None</u>		USED <u>None</u>
LOST <u>None</u>		VENTED <u>None</u>
REASON _____		LOST <u>None</u>
		REASON _____

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

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

(9)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE SALT LAKE
LEASE NUMBER SEE BELOW
UNIT BIG INDIAN

MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

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

Agent's address P.O. Box 2620 Company Union Oil Co. of California
Casper, Wyoming 82601 Signed US Dungan

Phone 234-1563 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATA 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)
<u>HERMOSA PARTICIPATING AREA</u>										
<u>LEASE NO. USA 89097</u>										
<u>SW SW</u>	<u>30S</u>	<u>25E</u>	<u>4</u>	<u>0</u>	<u>NONE</u>		<u>NONE</u>	<u>NONE</u>	<u>NONE</u>	<u>SI ENTIRE MONTH</u>

GAS. (MCF)
Sold NONE
Vented NONE
Off Lease NONE

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month NONE
Produced during month NONE
Sold during month NONE
Unavoidably lost NONE
Reason: _____
On hand at end of month NONE

OIL AND GAS RECAP

OIL BBLs.		GAS M.C.F.	
SOLD	<u>NONE</u>	SOLD	<u>NONE</u>
USED	<u>NONE</u>	USED	<u>NONE</u>
LOST	<u>NONE</u>	VENTED	<u>NONE</u>
REASON	_____	LOST	<u>NONE</u>
	_____	REASON	_____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-E356.5.

LAND OFFICE SALT LAKE
LEASE NUMBER SEE BELOW
UNIT BIG INDIAN

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 76,

Agent's address P.O. Box 2620 Company Union Oil Co. of California
Casper, Wyoming 82601 Signed V. E. Dungan

Phone 234-1563 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
HERMOSA PARTICIPATING AREA										
LEASE NO. <u>USA 89097</u>										
<u>W SW</u>	<u>30S</u>	<u>25E</u>	<u>4</u>	<u>0</u>						<u>SI entire month.</u>

GAS (MCF)
Sold None
Vented None
Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month None
Produced during month None
Sold during month None
Unavoidably lost None
Reason: _____
On hand at end of month None

OIL AND GAS RECAP

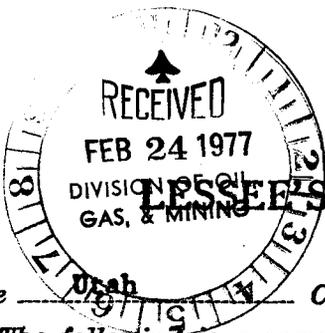
OIL BBLs.		GAS M.C.F.	
SOLD	<u>None</u>	SOLD	<u>None</u>
USED	<u>None</u>	USED	<u>None</u>
LOST	<u>None</u>	VENTED	<u>None</u>
REASON	_____	LOST	<u>None</u>
	_____	REASON	_____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE
LEASE NUMBER SEE BELOW
UNIT BIG INDIAN



MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1977,

Agent's address P.O. Box 2620 Company Union Oil Co. of California
Casper, Wyoming 82601 Signed U. P. Dungan
Phone 234-1563 Agent's title District Chief Clerk

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)
HERMOSA PARTICIPATING AREA										
LEASE NO. USA 89097										
SW SW	30S	25E	4	0						SI Entire Month

GAS. (MCF)
Sold None
Vented None
Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month None
Produced during month None
Sold during month None
Unavoidably lost None
Reason: _____
On hand at end of month None

OIL AND GAS RECAP

OIL BBLs.		GAS M.C.F.	
SOLD	<u>None</u>	SOLD	<u>None</u>
USED	<u>None</u>	USED	<u>None</u>
LOST	<u>None</u>	VENTED	<u>None</u>
REASON	_____	LOST	<u>None</u>
	_____	REASON	_____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. 81-89097

Form 9-329 Rev. Feb 76
OMB 42-RO356

Communitization Agreement No. _____
Field Name Big Indian
Unit Name Big Indian
Participating Area Hermosa
County San Juan State Utah
Operator Union Oil Co. of California

MONTHLY REPORT
OF
OPERATIONS



Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 1977

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI	None	None	None	None	SI due to low productivity. Further stimulation being evaluated.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: US Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 81-89097
Communitization Agreement No. _____
Field Name Big Indian
Unit Name Big Indian
Participating Area Hermosa
County San Juan State Utah
Operator Union Oil Co. of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI	None	None	None	None	SI due to low productivity. Further stimulation being evaluated.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

Gas (MCF)

Water (BBLs)

*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: U. E. Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 81-89097
Communitization Agreement No. _____
Field Name Big Indian
Unit Name Big Indian
Participating Area Hermosa
County San Juan State Utah
Operator Union Oil Co. of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & N of W	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI	None	None	None	None	SI due to low productivity. Further stimulation being evaluated.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: U.S. Duncan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 81-89097
Communitization Agreement No. _____
Field Name Big Indian
Unit Name Big Indian
Participating Area Hermosa
County San Juan State Utah
Operator Union Oil Co. of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI	None	None	None	None	SI due to low productivity. Further Stimulation being evaluated.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *R. White*

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
 (9) DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
 OMB 42-RO356

MONTHLY REPORT
 OF
 OPERATIONS

Lease No. 81-89097
 Communitization Agreement No. _____
 Field Name Big Indian
 Unit Name Big Indian
 Participating Area Hermosa
 County San Juan State Utah
 Operator Union Oil Co. of California

Amended Report

4

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
August, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI	None	None	None	None	SI Due to low productivity. Further Stimulation being evaluated.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: W.P. Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

Form 8-329 Rev. Feb 76
 OMB 42-RO356

MONTHLY REPORT
 OF
 OPERATIONS

Lease No. 81-89097
 Communitization Agreement No. _____
 Field Name Big Indian
 Unit Name Big Indian
 Participating Area Hermosa
 County San Juan State Utah
 Operator Union Oil Co. of California

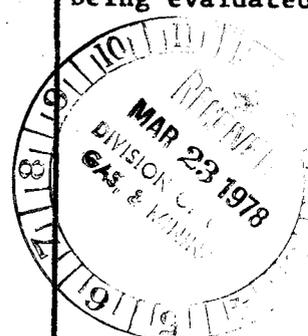
Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
February, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	T&P	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
4	Sec. 14 SW SW	30S	25E	GSI		None	None	None	SI due to low productivity Further stimulation being evaluated.



*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian Unit

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

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

Sec. 14, T30S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

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

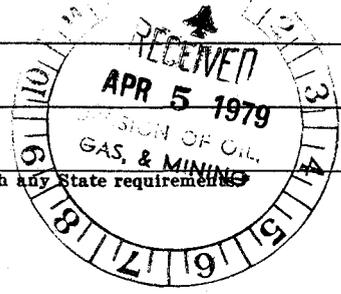
1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P.O. Box 2620, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1280' FSL & 1290' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6686' GR; 6678' KB



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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON*
 REPAIR WELL CHANGE PLANS
 (Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
 FRACTURE TREATMENT ALTERING CASING
 SHOOTING OR ACIDIZING ABANDONMENT*
 (Other) Supplementary Well History
 (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.) *

5360' TD, Retr. B.P. 3300'.

Well recompleted 3/76 in Honaker Trail. Well failed to sustain production following treatment and is currently shut-in pending reservoir evaluation.

Pending management approval, Union Oil Company of California has plans to rework this well during 1979 in an attempt to restore production.

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

SIGNED W. B. Flint, Jr. TITLE District Operations Manager DATE 4-2-79
W. B. Flint, Jr.

(This space for Federal or State office use)

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

U.S. Geological Survey
Form 9-331

Union Oil Company of California
Big Indian Unit Well No. 4
San Juan County, Utah
Page 2
1-7-80

PROPOSED PLAN OF PROCEDURE: (CONTINUED)

2. Load 5-1/2" x 2-7/8" annulus with 4% KCl water. (Fluid level may be as low as 900'.) Load tubing with 4% KCl water. Remove xmas tree and install B.O.P.
3. Release Baker R-3 packer at 2979' and retrieve retrievable B.P. at 3300'. POOH.
4. RIH with 2-7/8" tubing and 4-3/4" bit. Drill cement to cement retainer at 3400'.
5. Swab F.L. in casing and tubing to 1650'. (+770# hydrostatic pressure on retainer.) POOH with bit.
6. Run Baker sand-line drill with a lubricator and knock out retainer at 3400'. Push retainer to E.T.D. 3585'±.
7. Run 2-7/8" tubing, S.N., and production packer with 2-7/8" mandrel to 3350'±. Swab F.L. to S.N. or as low as possible in casing annulus prior to setting packer.
8. Nipple up well head and swab F.L. to S.N.
9. Perforate 3430-3440', 3476-3494', 3499-3503', 3548-3552', 3556', and 3572-3581' through tubing with 2 spf.
10. Swab well and flow test. If rate is 750+ MCFD at 200 psi FTP, release rig and return to production. If rate is not acceptable, treat perfs 3428-3582' with 10,000 gallons 7-1/2% HCl acid with iron and silt sequestering additives plus LST additives with 1000 scf CO₂/bbl. fluid in 5 stages with 150# graded rock salt in 150 gallons KCl brine water between stages at 7-10 bpm at 1000-1500 psi. Flow back and swab immediately.
11. Swab and flow back load. Test well and return to production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1280' FSL & 1290' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
USA U-089097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - -

7. UNIT AGREEMENT NAME
Big Indian Unit

8. FARM OR LEASE NAME
Big Indian Unit

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Big Indian - Hermosa

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T.30S., R.25E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6686' GR; 6678' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Perforating & Treating Additional Pay Interval		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

OTD 5360' 16" @ 39'
10-3/4" @ 1047'
5-1/2" @ 4432'

MIRU well service unit. T.P. 950#. C.P. O. Filled casing with 2 bbls. 4% KCl water. Pumped 24 bbls. 4% KCl water down tubing at 1100#. Unseated Model R-3, double-grip packer. Shut tubing in. R.U. reverse circulating unit. Circulated casing and tubing. Well dead. Installed BOP. Retrieved Model "C" B.P. POOH. Laid down R-3 packer, Model "C" B.P., and retrieving head. RIH with 4-3/4" bit on 2-7/8" tubing. Hit cement at 3395'. Drilled 4' of cement. Hit cement retainer. (Continued on attached sheet.)

Subsurface Safety Valve: Manu. and Type None Used Set @ - - - - Ft.

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

SIGNED D. A. Gomendi TITLE Drilling Engineer DATE January 25, 1980
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 28 1980

U.S. Geological Survey
Form 9-331

Union Oil Company of California
Big Indian Unit Well No. 4
San Juan County, Utah
Page 2
1-25-80

Rigged up swab. F.L. at surface. Swabbed casing and tubing down to 1650'. POOH with 2-7/8" tubing. R.U. sandline drill. 1st run, recovered frac balls. 2nd run, recovered frac ball and cement. 3rd run, stuck. Worked loose. POOH with sandline drill. P.U. 4-3/4" bit.

RIH on 2-7/8" CS hydril tubing. Drilled 9' of cement and frac balls. Swabbed well to 1650'. POOH with 2-7/8" tubing. RIH with sandline drill. Hit cement retainer at 3400'. RIH with sandline drill. Pushed cement retainer to 3590'. Laid down sandline drill.

P.U. Model R-3, double-grip packer. RIH on 2-7/8" CS hydril tubing. Removed BOP. Installed well head. Swabbed well down to 3000'. Set Model R-3, double-grip packer at 3346.83'. Flanged up well head. Swabbed well in.

R.U. Schlumberger. Perforated 3430-3440', 3476-3494', 3499-3503', 3548-3552', 3556', and 3572-3581' with 2 spf.

Swabbed from seating nipple. Well started flowing. Hooked up to production equipment. Rigged down service unit. Tested.

Test Before: (Well Shut In)

Test After: Flowed 720 MCFD gas, 50 BWPD, no condensate, FTP 205 psi, SICP 830 psi, on 1-24-80.



UTAH
NATURAL RESOURCES

To: JOAN BAZA

From: VICKY CARNEY

Date: 8-13-85

- For your information and file.
- For necessary action.
- Reply directly to origin with a copy to this office.
- Please draft a reply for signature of _____

_____ and
return by the following date _____

- Other PLEASE REVIEW AND
TELL ME WHICH ZONE
AND WHEN - I SHD PUT
IN RUDNOL.
- THANKS.

Well has always
been Honaker
Trail even though
they didn't call
it that.

- JRB

Unocal Oil & Gas Division
Unocal Corporation
P.O. Box 760
Moab, Utah 84532
Telephone (801) 686-2236

082703

UNOCAL 76

August 11, 1987

Mr. Wm "Chip" Hutchinson
State of Utah
Natural Resources
Oil, Gas and Mining
115 West 200 South
Room 146
Moab, Utah 84532

43-037-16201

Dear Mr. Hutchinson:

Big Indian Well #4, section 14, T30S, R24E, San Juan County, Utah, owned and operated by Unocal, was flared from July 17, 1987 to August 7, 1987. Estimated total gas flared was 630 MCF. The well was flared upon Trans Colorado repairs to their line which parallels the Big Indian #4 flow line.

Sincerely,

D.M. Visser

D.M. Visser
Area Engineer

DMV:aj

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

1. Type of Well

Oil Well Gas Well Other

8. Well Name and Number

2. Name of Operator: EnCana Oil & Gas (USA) Inc.
(successor in interest of Tom Brown, Inc. effective 1/1/05)

Contact: Jane Washburn
Phone: 720/876-5431

9. API Well Number

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area

4. Location of Well

Footages:

SEE ATTACHED LIST OF WELLS

County:

QQ, Sec T,R,M:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____
Change of Operator _____

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 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 recomplete 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 the 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.)

N9885 N2175

The merger of Tom Brown, Inc. with EnCana Oil & Gas (USA) Inc. was effective January 1, 2005. It is, therefore, requested that the Operator of all properties on the attached list be changed from Tom Brown, Inc. to EnCana Oil & Gas (USA) Inc.

RECEIVED
JAN 2 / 2005

DIV. OF OIL, GAS & MINING

13. Name (Printed/Typed) Jane Washburn	Title Operations Engineering Tech
Signature <i>Jane Washburn</i>	Date 01/24/2005

(This space for State use only)

APPROVED 2/24/05
ER
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

tom brown to encana.xls

well name	sec	twsp	rng	api	entity	lease	well	stat	flag	unit name	lease num	qtr	qtr	td	md	d	apd	op no
BIG INDIAN 36-42	36	290S	240E	4303731827		State	GW	APD			ST-UT-37067	SESW				5750		N9885
FEDERAL 14-18	18	250S	060E	4301530060	436	Federal	NA	PA			UTU-69447	SWSW						N9885
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A			UTU-070034	NENW						N9885
FEDERAL 15-25	25	290S	230E	4303730317	4776	Federal	GW	S			UTU-986	SWSE						N9885
BIG INDIAN 35-24	35	290S	240E	4303731829	14409	Federal	GW	DRL	C		UTU-077077	SENE						N9885
BIG INDIAN 27-34	27	290S	240E	4303731828		Federal	GW	APD	C		N9885							
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S		BIG INDIAN	UTSL-067131	SENE						N9885
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	TA		BIG INDIAN	UTSL-089097	SWSW						N9885
BIG INDIAN 34-11	34	290S	240E	4303731818	14004	Federal	D	PA	C	BIG INDIAN	UTU-014905	NWNW						N9885
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	DRL	C	BULL HORN	UT-73190	SWSE						N9885
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P		LISBON	UTU-09179	NENW						N9885
LISBON FED 2-21F	21	300S	250E	4303715768	410	Federal	GW	S		LISBON	UTU-094674	SENE						N9885
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S		LISBON	UTU-06922	SESW						N9885
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA		LISBON	UTSL-070034	SWNW						N9885
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A		LISBON	UTU-020691A	SWNW						N9885
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S		LISBON	UTSL-070034	NENW						N9885
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S		LISBON	UTU-09179	NWNE						N9885
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S		LISBON	UTU-66582	SWSE						N9885
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P		LISBON	UTU-015445	NESE						N9885
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P		LISBON	UTU-015445	NESE						N9885
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P		LISBON	UTSL-070008A	NENW						N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P		LISBON	UTU-14903	NESE						N9885
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S		LISBON	UTU-09179	NESW						N9885
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S		LISBON	UTSL-070008A	NESW						N9885
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P		LISBON	UTU-09179	SWSE						N9885
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S		LISBON	UTU-015445	SESW						N9885
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA		LISBON	UTU-0141903	SWSE						N9885
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	P		LISBON	ML-13692	NENE	9120	9120				N9885
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S		LISBON	ML-8366	NESW	8689	8689				N9885
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A		LISBON	ML-8366	NESW	8730	9100				N9885
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	P		LISBON	ML-13692	SENE	8794	8775				N9885
LISBON U B-610	10	300S	240E	4303716469	8123	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTU-014903	NENE						N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW						N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	SWSE						N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW						N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NESW						N9885
LISBON (MCCRACKEN) D-615	15	300S	240E	4303731817		Federal	OW	LA		LISBON (MCCRACKEN)	N9885							
LISBON (MCCRACKEN) A-610	10	300S	240E	4303731821		Federal	OW	LA		LISBON (MCCRACKEN)	N9885							

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

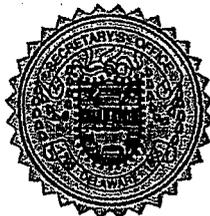
"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

"TOM BROWN, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENCANA OIL & GAS (USA) INC." UNDER THE NAME OF "ENCANA OIL & GAS (USA) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2004, AT 6:15 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005.

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



2137895 8100M

040934710

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

State of Delaware
Secretary of State
Division of Corporations
Delivered 06:15 PM 12/22/2004
FILED 06:15 PM 12/22/2004
SRV 040934710 - 2137895 FILE

**STATE OF DELAWARE
CERTIFICATE OF MERGER OF
DOMESTIC CORPORATIONS**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., and the names and jurisdictions of the corporations being merged into this surviving corporation are as follows:

<u>Name</u>	<u>Jurisdiction of Incorporation</u>
Tom Brown, Inc.	Delaware corporation
TBI Pipeline Company	Delaware corporation
TBI West Virginia, Inc.	Delaware corporation

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations.

THIRD: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., a Delaware corporation.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

FIFTH: The merger is to become effective on January 1, 2005.

SIXTH: The Agreement and Plan of Merger is on file at 950 17th Street, Suite 2600, Denver, Colorado 80202, the place of business of the surviving corporation.

SEVENTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer, the 17th day of December, A.D., 2004.

ENCANA OIL & GAS (USA) INC.

By: Mary A. Viviano
Mary A. Viviano, Secretary

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 not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

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:

- Changes entered in the Oil and Gas Database on: 2/24/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/24/2005
- Bond information entered in RBDMS on: 2/24/2005
- Fee/State wells attached to bond in RBDMS on: 2/24/2005
- Injection Projects to new operator in RBDMS on: 2/24/2005
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1005

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0007875

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:

Merger and rider of bond from Tom Brown, Inc.

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

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

5/14/2010

FROM: (Old Operator): N2175-EnCana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202 Phone: 1 (303) 623-2300	TO: (New Operator): N3670-Patara Oil & Gas, LLC 333 Clay Street, Suite 3960 Houston, TX 77002 Phone: 1 (713) 357-7171
---	---

CA No.

Unit:

BIG INDIAN

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

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: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- a. Is the new operator registered in the State of Utah: Business Number: 7655540-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: * * requested 9/27/10
- 5b. Inspections of LA PA state/fee well sites complete on: * * requested 9/27/10
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** 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: 6/29/2010
Lisbon B-816 only

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 623-2300		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List COUNTY:		8. WELL NAME and NUMBER:
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 checked="" 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.

Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. *RLB0013207 + B006008*

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development *N3670*

Signature *[Signature]* Date 5/4/2010

NAME (PLEASE PRINT) <u>Ricardo D. Gallegos</u>	TITLE <u>Attorney-in-Fact</u>
SIGNATURE <i>[Signature]</i>	DATE <u>5/4/2010</u>

(This space for State use only)

APPROVED 9/14/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

RECEIVED
May 11 2010 ER
DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)
effective May 4, 2010
BIG INDIAN

well_name	sec	twp	rng	api	entity	lease	well	stat	C
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S	
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	S	
					8124				
BIG INDIAN FED 14-21-30-25	14	300S	250E	4303731850	16377	Federal	GW	P	
BIG INDIAN FED 15-24-30-25	14	300S	250E	4303731859	8124	Federal	GW	S	
BIG INDIAN FED 14-42-30-25	14	300S	250E	4303731860	8124	Federal	GW	P	
BIG INDIAN FED 15-24B-30-25	14	300S	250E	4303731883	8124	Federal	GW	S	
BIG INDIAN FED 23-13B-30-25	23	300S	250E	4303731884		Federal	GW	APD	C
BIG INDIAN FED 23-13-30-25	23	300S	250E	4303731885		Federal	GW	APD	C

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

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

11/1/2012

FROM: (Old Operator): N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685	TO: (New Operator): N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685
---	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	Entity NO	Big Indian LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- Is the new operator registered in the State of Utah: Business Number: 8523441-0161
- (R649-9-2) Waste Management Plan has been received on: Not Yet
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)

Effective 11/1/2012

Big Indian Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
BIG INDIAN FED 23-13B-30-25	23	300S	250E	4303731884		Federal	GW	APD
BIG INDIAN FED 23-13-30-25	23	300S	250E	4303731885		Federal	GW	APD
BIG INDIAN FED 14-42-30-25	14	300S	250E	4303731860	8124	Federal	GW	P
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	S
BIG INDIAN FED 14-21-30-25	14	300S	250E	4303731850	8124/16377	Federal	GW	S
BIG INDIAN FED 15-24-30-25	14	300S	250E	4303731859	8124	Federal	GW	S
BIG INDIAN FED 15-24B-30-25	14	300S	250E	4303731883	8124	Federal	GW	S

RECEIVED

JAN 23 2013

FORM 9

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL [] GAS WELL [] OTHER Multiple Well Transfer
2. NAME OF OPERATOR: Patara Oil & Gas LLC
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S Denver CO 80202
4. LOCATION OF WELL: FOOTAGES AT SURFACE: n/a COUNTY: San Juan, UT STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Multiple
9. API NUMBER: n/a
10. FIELD AND POOL, OR WILDCAT: n/a

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, ALTER CASING, OPERATOR CHANGE, etc.

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

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan TITLE Regulations & Production Reporting Supervisor
SIGNATURE [Signature] DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

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 <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: n/a
		10. FIELD AND POOL, OR WILDCAT: n/a
		COUNTY: <u>San Juan, UT</u>
		STATE: <u>UTAH</u>

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
BLM: 105865919
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations & Production Reporting Supervisor</u>
SIGNATURE	DATE <u>2/6/2012</u>

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

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FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 4
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 21
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 22
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 23
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 24
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 25
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 26

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 3
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 4
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 5
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 6
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 7
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E 8
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E 9
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E 10
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E 1
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E 2
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E 3

43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENW	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 60
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3

43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E	4
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E	5
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	30S-24E	6
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	30S-24E	7
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	30S-24E	8
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	29S-25E	9
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	30S-25E	10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-089097
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: BIG INDIAN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BIG INDIAN 4
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037162210000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 728-2222 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1280 FSL 1290 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 Township: 30.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: BIG INDIAN (HERMOSA) COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/8/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="re-entry"/>

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

CCI Paradox Upstream, LLC intend to re-enter the Big Indian #4 that was T&A'd and buried by EnCana when the Big Indian 14-42-30-25 well was drilled. CCI moved the pumping unit on the BI 14-42 well and excavated to locate the capped BI #4. The well was located 6' west of the BI 14-42 and 4' below surface capped with a metal plate. CCI intends to extend the surface casing & production casing to above ground elevation and will install wellhead equipment. It is intended to re-enter the well, perform an MIT on casing, drill out the plug currently above the perforations and attempt to restore production on the existing perforations. It is anticipated that a gas jack compressor will be installed on site to aid in production. Attached is the proposed WBD for the completion of the well.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
 Date: September 17, 2014
 By: Derek Quist

NAME (PLEASE PRINT) James Mullins	PHONE NUMBER 303 728-2219	TITLE Reservoir Engineering Tech
SIGNATURE N/A	DATE 8/29/2014	

WELLBORE DIAGRAM

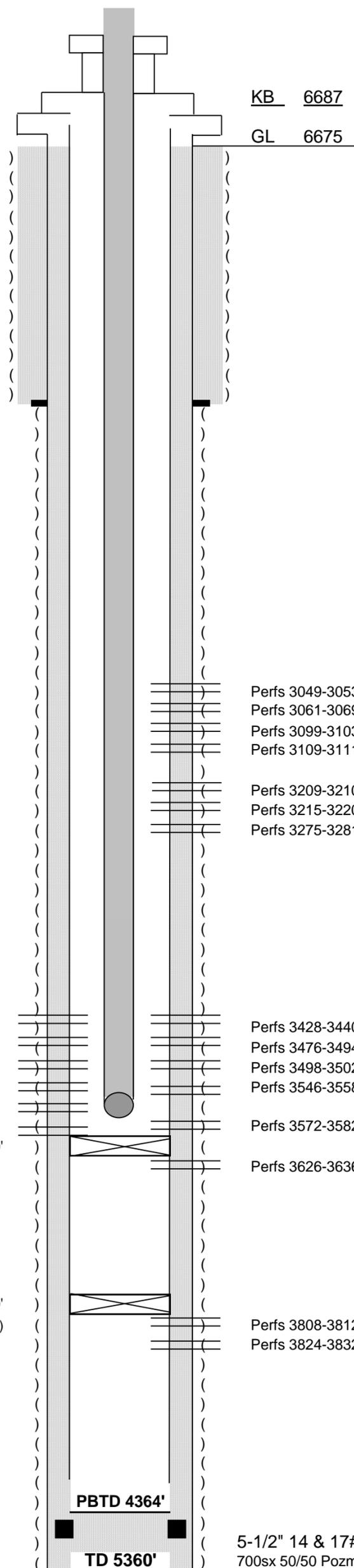
**Proposed Re-entry To Resume Production
Plan to set a gas jack compressor on surface**

Operator: CCI Paradox Upstream, LLC
 Well Name: Big Indian 4
 Lease Number: _____
 Location: 1280FSL & 1290FWL sec14,T30S,R25E
 Field: Big Indian Hermosa
 County: San Juan, Utah
 API Number: 43037162210000
 Diagram Date: **8/29/2014** **J. Warren**

FORMATION TOPS

As of 1964

Chinle	2333
Moenkopi	not apparent
Cutler	not apparent
Hermosa	2860
La Sal	4830
Paradox A	5080
Paradox B	5333



10-3/4" 40.5#, J-55,
8RD csg @ 1047'
330sx 50/50 Pozmix + adds,
then 100sx reg + adds

Proposed Tubing Detail:

KB	12
114 jts 2 3/8" 4.7#/ft 8rd tbg	3534.0
1.87" F-nipple	1.0
Cut 2 3/8" collar	0.6
EOT	3548

Well History

Spud Date 10/19/1963
 TD Reached 12/15/1984
 Completion Date 1/23/1964
To be re-entered Early September, 2014

2 ispf (1979) {
 Perfs 3430-3440
 Perfs 3476-3494
 Perfs 3499-3503
 Perfs 3548-3552
 Perfs 3556
 Perfs 3572-3581
 CR @ 3590'

Perfs 3049-3053
 Perfs 3061-3069
 Perfs 3099-3103
 Perfs 3109-3111 } 1 jspf, 37 0.4" holes (02/1976)
 2.5k gal 7-1/2% MCA + 60 7/8" ball sealers

Perfs 3209-3210
 Perfs 3215-3220
 Perfs 3275-3281

Perfs 3428-3440
 Perfs 3476-3494
 Perfs 3498-3502
 Perfs 3546-3558 } 3 spf, 35 gram shots (1964)
 spotted 250gal MCA 7-1/2% acid

Perfs 3572-3582
 Perfs 3626-3636

Perfs 3808-3812
 Perfs 3824-3832 } 3 spf, 35 gram shots (1964)

5-1/2" 14 & 17# csg J-55 @ 4432'
 700sx 50/50 Pozmix + 2% gel

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-089097
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: BIG INDIAN
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BIG INDIAN 4
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		9. API NUMBER: 43037162210000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: BIG INDIAN (HERMOSA)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1280 FSL 1290 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 Township: 30.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/17/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Re-Enter TA'd well"/>

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

CCI Paradox Upstream intends to attempt to re-enter the Big Indian #4 well that was TA'd by EnCana and buried during the drilling of the Big Indian 14-42 well. CCI will move the pumping unit currently operating on the BI 14-42 and excavate the area underneath to locate the capped BI #4. A new bradenhead and wellhead will be installed and the CIBP located at approximately 3000' will be drilled out and the perfs cleared. A string of 2 3/8" tbg will be run and tied back to a newly installed GPU and meter run. It is anticipated that the well will not produce liquids, so the liquid dump lines will be tied to existing tanks on site. It is anticipated that the well will require a gas jack compressor in order to be commercial.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
 September 17, 2014
 Date: _____
 By: Derek Quist

NAME (PLEASE PRINT) Pamella Hill	PHONE NUMBER 303 728-2228	TITLE Reservior Technician
SIGNATURE N/A	DATE 9/17/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-089097
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: BIG INDIAN
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BIG INDIAN 4
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		9. API NUMBER: 43037162210000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 728-2222 Ext	9. FIELD and POOL or WILDCAT: BIG INDIAN (HERMOSA)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1280 FSL 1290 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 Township: 30.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Added Gas Jack Compressor"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On the Big Indian 4 well a Gas Jack Compressor was added in location 01/08/2015. A subsequent site facility diagram will follow showing the location of the compressor on location. Thank you.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 13, 2015</p>		
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/13/2015

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-089097
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: BIG INDIAN
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BIG INDIAN 4
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		9. API NUMBER: 43037162210000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 728-2222 Ext	9. FIELD and POOL or WILDCAT: BIG INDIAN (HERMOSA)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1280 FSL 1290 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 14 Township: 30.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/5/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
CCI PARADOX UPSTREAM, LLC (CCI) RE-ENTERED THE BIG INDIAN 4 ON DECEMBER 20, 2014. CCI EXTENDED THE SURFACE CASING AND PRODUCTION CASING TO ABOVE GROUND ELEVATION AND INSTALLED WELLHEAD EQUIPMENT. AN MIT WAS PERFORMED ON THE WELL ON DECEMBER 30, 2014 THE CHART IS ATTACHED. THE CIBP WAS DRILLED OUT AT 3026'. THE GAS JACK COMPRESSOR WAS STARTED ON JANUARY 5, 2015, WELL MAKING 40 MCFD INTO SALES LINE. PLEASE SEE THE ATTACHED MIT CHART AND DAILY DRILLING SUMMARY.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 04, 2015
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/29/2015



Daily Activity and Cost Summary

Well Name: Big Indian Unit 4

API/UWI 43-037-16221-00	Surface Legal Location SWSW Sec. 14 T30S R25E	Field Name big indian	License #	State/Province Utah	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Spud Date 10/19/1963 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

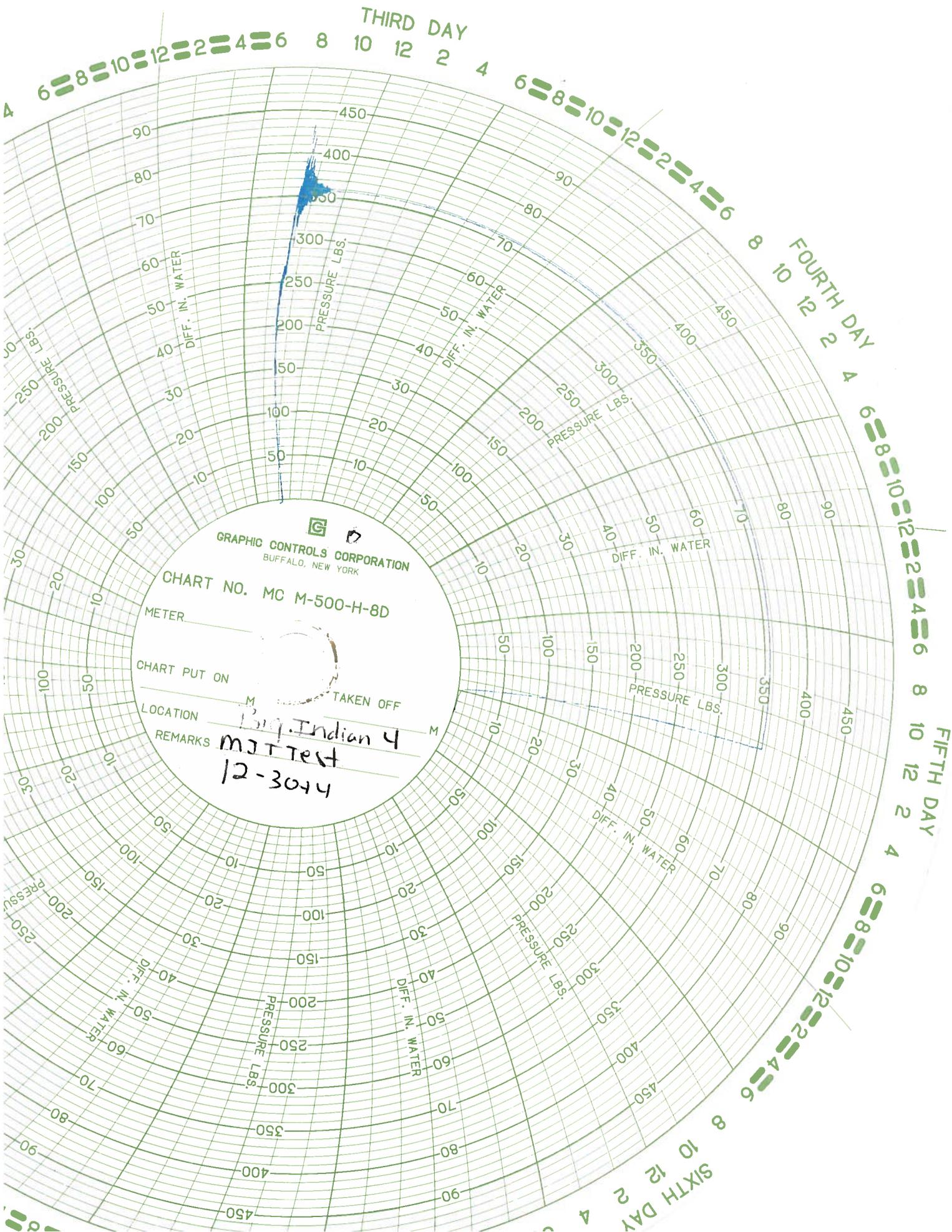
Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Status 1
AFE Number 100073	Start Date 12/20/2014	End Date 1/5/2015	Total AFE Amount (Cost)

Objective

Summary

Contractor	Rig Number	Rig Type
------------	------------	----------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	12/20/2014	12/21/2014	11,650.00	11,650.00	RU rig, ND tree and NU BOP's. Tally out of hole w/ tubing: 85 Joints 2682.63'; 31.56 ft/jt. avg. SD to wait on cementers.
2.0	12/21/2014	12/22/2014		11,650.00	SD. Waiting on Cementers.
3.0	12/22/2014	12/23/2014	5,000.00	16,650.00	SD. Waiting on cementers.
4.0	12/23/2014	12/24/2014	6,200.00	22,850.00	RIH w/ tbg to 1110 ft. Wait on Halliburton. Road conditions not allowing cementers to leave Farmington. SI well.
5.0	12/24/2014	12/25/2014	26,850.00	49,700.00	RU Halliburton. Pressure test lines . Pumped fresh wtr to get circ rate @ 0.5 BPM @900PSI. Pump 9 BBLs fresh wtr spacer, 6 BBLs cement, 2.75 BBLs fresh wtr to balance plug , pulled 5 stands of tbg. Reverse circulated hole with 11 BBLs water. POOH w/ tbg and started block squeeze. Well pressured up to 1100 psi, fell back to 1076 psi. Pumped 1 BBL water and increased squeeze pressure back to 1100 psi. Pressure held @ 1100psi. SI well with 1100 psi. SD for holiday. Released Halliburton.
6.0	12/25/2014	12/26/2014		49,700.00	SD for Holiday
7.0	12/26/2014	12/27/2014		49,700.00	SD for Holiday
8.0	12/27/2014	12/28/2014		49,700.00	SD for Holiday
9.0	12/28/2014	12/29/2014	8,500.00	58,200.00	Wellhead frozen. Secured heater from other rig . Able to thaw wellhead by noon. MU bit and 4 collars, RIH and tagged TOC @ 1057'. Cement is 34' above top of squeezed csg leak. RU swivel and drilled 87' to 1144'. Drilled clear of cmt. POOH, MU scrapper and ran to plug @ 3026.77'. Circulated hole clean .
10.0	12/29/2014	12/30/2014	14,000.00	72,200.00	Pressured up on csg for MIT. Csg did not hold pressure, assumed squeeze did not hold, setup another squeeze job. POOH w/ tbg. Called Weatherford packer hand out to isolate leak. MU Weatherford model R pkr and RIH. Spent the rest of the day and night isolating but found no csg leak below the packer. Figured out the leak was in the top 10' of csg or in the BOP stack. Canceled the cementers.
11.0	12/30/2014	12/31/2014	7,200.00	79,400.00	POOH w/ tbg and LD pkr. Closed the blind rams. Pressured up on well for MIT. Well held 300 psi without bleedoff. Casing passed the MIT. Ran a chart during the MIT for record. MU bit and DCs. TIH and tagged the plug. SI well waiting on the N2 unit.
12.0	12/31/2014	1/1/2015	10,400.00	89,800.00	RU N2 unit. Warmed up rig and RU power swivel. Start drilling CIBP @ 3026' at noon. Drilled through plug @ 1:45 pm, noticed no pressure change. Ran on in with bit to 3400'. Tagged solid. Old records indicate previous operator may have set a CIBP at this depth. TOOH and LD bit. MU 4' pup, 1.81F nipple, 105 joints 2 3/8" J-55 tbg and landed EOT @ 3320'. RD BOPs, NU well head . Rig down rig. Field crews installing meter run, 500 Mbtu/hr GPU and a gas jack compressor. Using existing tanks on BI 21-42 as the BI #4 doesn't appear to be making any fluid.
13.0	1/5/2015	1/5/2015		89,800.00	Start up gas jack compressor. Well loads without the compressor. Well making 40 mcf into sales line.



THIRD DAY

FOURTH DAY

FIFTH DAY

SIXTH DAY

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC M-500-H-8D
METER _____
CHART PUT ON _____ M TAKEN OFF _____ M
LOCATION Big Indian 4
REMARKS MIT test
12-3044

Dec Foote

12-30-14

15min test

CEBP sel @ 3000'