

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Confidential

Submit To: Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

WELL API NO.
30-015-32671

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER BACK RESVR. OTHER ☐

2. Name of Operator
BTA Oil Producers 003002

3. Address of Operator
104 S. Pecos, Midland, TX 79701

4. Well Location
Unit Letter N : 721 Feet From The south Line and 1497 Feet From The west Line

Section 11 Township 23S Range 28E NMPM Eddy County

10. Date Spudded 03/09/03	11. Date T.D. Reached 03/24/03	12. Date Compl. (Ready to Prod.) 04/03/03	13. Elevations (DF& RKB, RT, GR, etc.) 2980' GL 2993' KB	14. Elev. Casinghead
------------------------------	-----------------------------------	--	---	----------------------

15. Total Depth 6319' MD	16. Plug Back T.D. 6218' MD	17. If Multiple Compl. How Many Zones? ---- N/A	18. Intervals Drilled By	Rotary Tools X	Cable Tools
-----------------------------	--------------------------------	---	--------------------------	-------------------	-------------

19. Producing Interval(s), of this completion - Top, Bottom, Name 4,728 - 4,771' Brushy Canyon	20. Was Directional Survey Made Yes
---	--

21. Type Electric and Other Logs Run Laterolog Array/Micro CFL-GR Three Detector Litho-Density CN/GR	22. Was Well Cored No
---	--------------------------

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	382'	12-1/4"	350 sx Circ	
5-1/2"	17	6319'	7-7/8"	1300 sx TOC 669'	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	4553'	4553'

26. Perforation record (interval, size, and number) 4,728 - 4,736' 4 JSPF 4,745 - 4,771' 4 JSPF	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4,728 - 771'	A/200 gal 10% Acetic F/23500 gal gelled + 53000 lbs sand

28. PRODUCTION

Date First Production 4/03/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 04/16/03	Hours Tested 24	Choke Size 18/64"	Prod'n For Test Period	Oil - Bbl 227	Gas - MCF 180	Water - Bbl. 74	Gas - Oil Ratio 793
Flow Tubing Press. 360	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 227	Gas - MCF 180	Water - Bbl. 74	Oil Gravity - API - (Corr.) 40.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By J. Shirley
--	---------------------------------

30. List Attachments

Deviation Report, 1 set logs

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature <i>Pam Inskeep</i>	Printed Name Pam Inskeep	Title Regulatory Administrator	Date 05/09/2003
------------------------------	--------------------------	--------------------------------	-----------------

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt <u>2250</u>	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand <u>2561</u>
T. Drinkard	T. Bone Springs
T. Abo	T. Brushy Cnyn <u>4600</u>
T. Wolfcamp	T. Brushy Cnyn "Pardue" <u>4701</u>
T. Penn	T. Loving Sand <u>6003</u>
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....4,701.....to.....5,788.....
No. 2, from.....5,788.....to.....6,003.....

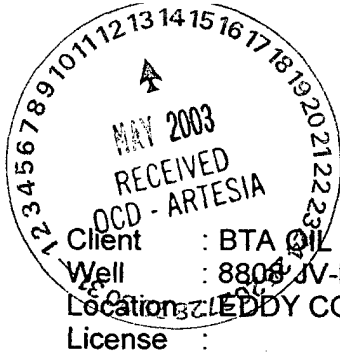
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
Surf	362	362	Gravel, Sand, Shale
362	2562	2200	Anhydrite & Salt
2562	6207	3645	Sand, Siltstone, Minor Shales & Limestones
6207	6319	112	Limestone



Computalog Drilling Services

Client : BTA OIL PRODUCERS
 Well : 8804 JV-P PARDUE C #3
 Location : LEEDY COUNTY, NEW MEXICO
 License :

Page: 1
 Date : 3/17/03
 File : 50692

UWI #:

Vertical Section Calculated Along Azimuth 114.08°

KB Elevation = 14.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg %/100	Build %/100	Turn %/100
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CDS SURFACE RECORDING GYROSCOPIC MULTISHOT SURVEY FROM SURFACE TO 2995 FT.MD.
 CORRECTION IS 8.79 DEGREES EAST TO TRUE

DATE(S): MARCH 14, 2003

1	100.00	0.46	142.84	100.00	-0.32	0.24	0.35	0.46	0.46	142.84
2	200.00	0.37	116.19	200.00	-0.78	0.77	1.03	0.21	-0.09	-26.65
3	300.00	0.24	154.05	300.00	-1.11	1.16	1.51	0.23	-0.13	37.86
4	400.00	0.54	186.78	399.99	-1.77	1.19	1.81	0.36	0.30	32.73
5	500.00	0.84	189.90	499.99	-2.96	1.01	2.13	0.30	0.30	3.12
6	600.00	1.19	190.03	599.97	-4.70	0.70	2.56	0.35	0.35	0.13
7	700.00	1.50	190.55	699.94	-7.01	0.28	3.12	0.31	0.31	0.52
8	800.00	1.34	189.66	799.91	-9.45	-0.15	3.72	0.16	-0.16	-0.89
9	900.00	1.25	199.11	899.89	-11.64	-0.71	4.10	0.23	-0.09	9.45
10	1000.00	1.02	218.21	999.87	-13.37	-1.61	3.98	0.44	-0.23	19.10
11	1100.00	1.36	231.06	1099.84	-14.81	-3.09	3.22	0.43	0.34	12.85
12	1200.00	1.31	222.97	1199.82	-16.39	-4.79	2.32	0.19	-0.05	-8.09
13	1300.00	1.19	221.68	1299.79	-18.01	-6.26	1.63	0.12	-0.12	-1.29
14	1400.00	1.16	219.23	1399.77	-19.57	-7.59	1.05	0.06	-0.03	-2.45
15	1500.00	1.44	223.08	1499.75	-21.27	-9.09	0.38	0.29	0.28	3.85
16	1600.00	1.68	231.63	1599.71	-23.09	-11.10	-0.71	0.33	0.24	8.55
17	1700.00	1.62	223.63	1699.67	-25.03	-13.22	-1.86	0.24	-0.06	-8.00
18	1800.00	1.67	170.70	1799.63	-27.49	-13.96	-1.53	1.47	0.05	-52.93
19	1900.00	2.35	145.27	1899.57	-30.61	-12.56	1.03	1.11	0.68	-25.43
20	2000.00	2.06	138.81	1999.50	-33.65	-10.20	4.41	0.38	-0.29	-6.46
21	2100.00	2.10	141.45	2099.43	-36.43	-7.88	7.67	0.10	0.04	2.64
22	2200.00	2.45	138.72	2199.35	-39.47	-5.33	11.24	0.37	0.35	-2.73
23	2300.00	2.30	131.13	2299.27	-42.40	-2.41	15.10	0.35	-0.15	-7.59
24	2400.00	2.30	142.10	2399.19	-45.30	0.34	18.79	0.44	0.00	10.97
25	2500.00	2.39	143.39	2499.10	-48.56	2.81	22.38	0.10	0.09	1.29
26	2600.00	2.21	136.68	2599.02	-51.64	5.38	25.98	0.32	-0.18	-6.71
27	2700.00	2.13	140.99	2698.95	-54.48	7.87	29.42	0.18	-0.08	4.31
28	2800.00	2.27	136.59	2798.88	-57.37	10.40	32.90	0.22	0.14	-4.40
29	2900.00	1.87	135.88	2898.81	-59.98	12.90	36.25	0.40	-0.40	-0.71
30	2995.00	2.00	134.80	2993.76	-62.26	15.16	39.24	0.14	0.14	-1.14

Bottom Hole Closure 64.08ft Along Azimuth 166.32°

This is to certify that the Survey Readings from
 0' to 2995' were obtained by
 our Field Surveyors and represent, to the best of
 our knowledge, a true and accurate survey of the
 well at the time the survey was run.

COMPUTALOG
 Wellbore knowledge and solutions
 DRILLING SERVICES, INC.

[Signature]
 Survey Supervisor



 **COPY**

COMPUTALOG DRILLING SERVICES

a division of Computalog U.S.A., Inc.

2815 West I-20

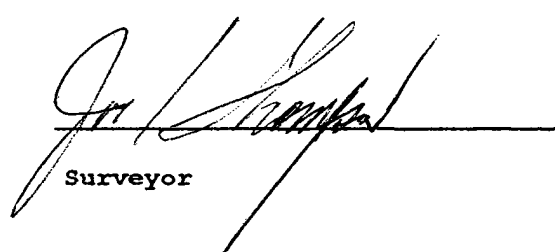
Midland, Texas 79701

Tel. (915)520-8062 • Fax (915)689-3505

STATE OF TEXAS

COUNTY OF MIDLAND

I, Joe Thompson certify that; I am employed by Computalog Drilling Services;
that I did on the day(s) of 3-18-03 conduct or supervise
the taking of a MWD survey from a depth of 2995 feet
to a depth of 6319 feet; that the data is true, correct, complete and within
the limitations of the tool as set forth by Computalog Drilling Services;
that I am authorized and qualified to make this report; that this survey was
conducted at the request of BJA Operating for the
8808 DUP-Pardue C #3 well, API # _____
in Eddy County, N.M., and that I have reviewed this report
and find that it conforms to the principles and procedures as set forth by
Computalog Drilling Services.


Surveyor

PRECISION DRILLING SERVICES

BTA OIL PRODUCERS
8808 JVP PARDUE C NO. 3
EDDY COUNTY, NEW MEXICO
PETE WELBORN CO. MAN

Calculated by Minimum Curvature Method
Vert Sect Plane: 114.08 Deg.

 **COPY**

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
2995.00	2.00	134.80	0.00	2993.76	62.26 S	15.16 E	39.24	64.08	166.32	0.00
3065.00	2.50	121.80	70.00	3063.71	63.93 S	17.32 E	41.90	66.23	164.84	1.02
3160.00	3.40	109.70	95.00	3158.58	65.97 S	21.74 E	46.76	69.46	161.76	1.15
3249.00	4.80	107.80	89.00	3247.35	67.99 S	27.77 E	53.09	73.45	157.79	1.58
3340.00	5.20	113.00	91.00	3338.00	70.77 S	35.19 E	61.00	79.04	153.56	0.66
3402.00	6.00	117.10	62.00	3399.71	73.34 S	40.66 E	67.05	83.86	151.00	1.44
3475.00	7.70	115.70	73.00	3472.18	77.20 S	48.46 E	75.75	91.15	147.88	2.34
3528.00	8.50	116.00	53.00	3524.66	80.46 S	55.18 E	83.21	97.57	145.56	1.51
3588.00	10.20	114.00	60.00	3583.86	84.56 S	64.02 E	92.96	106.07	142.87	2.88
3651.00	11.60	114.10	63.00	3645.72	89.42 S	74.90 E	104.87	116.65	140.05	2.22
3743.00	12.80	112.20	92.00	3735.64	97.05 S	92.78 E	124.30	134.26	136.29	1.38
3805.00	14.20	110.90	62.00	3795.92	102.36 S	106.25 E	138.76	147.53	133.93	2.31
3867.00	15.90	109.90	62.00	3855.80	107.96 S	121.34 E	154.83	162.41	131.66	2.77
3928.00	15.60	109.00	61.00	3914.51	113.47 S	136.95 E	171.33	177.85	129.65	0.63
3991.00	16.60	108.80	63.00	3975.03	119.13 S	153.48 E	188.73	194.29	127.82	1.59
4054.00	16.40	108.80	63.00	4035.44	124.90 S	170.42 E	206.55	211.28	126.24	0.32
4116.00	16.00	108.70	62.00	4094.98	130.46 S	186.79 E	223.77	227.84	124.93	0.65
4206.00	15.60	108.60	90.00	4181.58	138.30 S	210.01 E	248.16	251.46	123.37	0.45
4302.00	15.20	107.20	96.00	4274.13	146.13 S	234.27 E	273.51	276.11	121.96	0.57
4394.00	15.20	106.30	92.00	4362.91	153.09 S	257.37 E	297.43	299.45	120.74	0.26
4518.00	15.00	105.70	124.00	4482.63	161.99 S	288.42 E	329.41	330.80	119.32	0.20
4610.00	15.60	106.00	92.00	4571.37	168.62 S	311.77 E	353.44	354.45	118.41	0.66
4764.00	16.40	109.90	154.00	4719.41	181.73 S	352.12 E	395.62	396.25	117.30	0.87
4889.00	16.40	108.50	125.00	4839.32	193.34 S	385.45 E	430.79	431.22	116.64	0.32
4983.00	15.60	108.30	94.00	4929.68	201.52 S	410.03 E	456.57	456.87	116.17	0.85
5138.00	14.10	110.70	155.00	5079.50	214.73 S	447.48 E	496.15	496.34	115.64	1.05
5290.00	14.40	110.70	152.00	5226.82	227.96 S	482.48 E	533.50	533.62	115.29	0.20
5475.00	15.80	109.00	185.00	5405.43	244.29 S	527.82 E	581.56	581.61	114.84	0.79
5599.00	15.70	109.00	124.00	5524.78	255.25 S	559.64 E	615.08	615.10	114.52	0.08
5744.00	15.90	108.70	145.00	5664.30	268.01 S	597.00 E	654.40	654.40	114.18	0.15
5850.00	16.00	108.90	106.00	5766.22	277.39 S	624.58 E	683.41	683.41	113.95	0.11
6037.00	15.70	109.40	187.00	5946.11	294.14 S	672.83 E	734.29	734.31	113.61	0.18

Survey Ref: Well Head Closure Ref: Well Head
Wed Mar 26 2003 15:57:04

Vert Sect Ref: Well Head
File: BTA.DAT

PRECISION DRILLING SERVICES

BTA OIL PRODUCERS
8808 JVP PARDUE C NO. 3
EDDY COUNTY, NEW MEXICO
PETE WELBORN CO. MAN

Calculated by Minimum Curvature Method
Vert Sect Plane: 114.08 Deg.

 **COPY**

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	DIRECTION (DEG)	DOGLEG SEVERITY (DG/100')
6190.00	15.60	109.50	153.00	6093.43	307.89 S 711.74 E	775.43	775.48	113.39	0.07
6279.00	14.90	109.20	89.00	6179.30	315.65 S 733.83 E	798.76	798.84	113.27	0.79
Proj 6319.00	14.00	109.00	40.00	6218.03	318.91 S 743.26 E	808.70	808.79	113.22	2.25

