

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	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003
		WELL API NO. 30-045-32502
		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 ☐		Lease Name or Unit Agreement Name Brimhall 30-11-18
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER ☐ BACK RESVR. ☐ OTHER ☐		
2. Name of Operator Maralex Resources, Inc.		8. Well No. 2A
3. Address of Operator P.O. Box 338, Ignacio, CO 81137		9. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter <u>D</u> : <u>1190</u> Feet From The <u>North</u> Line and <u>965</u> Feet From The <u>West</u> Line Section <u>18</u> Township <u>30N</u> Range <u>11W</u> NMPM <u>San Juan</u> County		
10. Date Spudded 09/02/04	11. Date T.D. Reached 09/17/04	12. Date Compl. (Ready to Prod.) 12/10/04
		13. Elevations (DF& RKB, RT, GR, etc.) 5584' GR
14. Elev. Casinghead		
15. Total Depth 1990'	16. Plug Back T.D. 1961'	17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By X 19. Producing Interval(s), of this completion - Top, Bottom, Name Basin Fruitland Coal 1860' - 1880'
		20. Was Directional Survey Made Yes-Attached
21. Type Electric and Other Logs Run (Previously mailed to NMOCD) Array Induction Gamma Ray, CBL, Compensated Neutron		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB/FT.	DEPTH SET
13-3/8"	48#	68'
8-5/8"	24#	300'
5-1/2"	15.5#	1986'
		HOLE SIZE
		Conductor Pipe
		225 sx Standard Cement
		230 sx 65/35 Pozmix followed by
		100 sx Class B Cement
24. LINER RECORD		
SIZE	TOP	BOTTOM
		SACKS CEMENT
		SCREEN
		25. TUBING RECORD
		SIZE
		2-3/8"
		DEPTH SET
		1919'
		PACKER SET
26. Perforation record (interval, size, and number) 1860' - 1880'		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL See Attached AMOUNT AND KIND MATERIAL USED Acid & Frac Reports		
28. PRODUCTION		
Date First Production Test-12/10/04		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
		Well Status (Prod. or Shut-in) SI-Waiting on Pipeline&Meter
Date of Test 12/10/04	Hours Tested 24	Choke Size
		Prod'n For Test Period
		Oil - Bbl 0
		Gas - MCF 52
		Water - Bbl. 23
		Gas - Oil Ratio
Flow Tubing Press. 15	Casing Pressure 110	Calculated 24-Hour Rate 52
		Oil - Bbl. 0
		Gas - MCF 52
		Water - Bbl. 110
		Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented		Test Witnessed By Dennis Reimers
30. List Attachments Acid & Frac Report, Deviation Report, Cement Tickets		
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 <u>Carla S. Shaw</u>		Printed Name
		Title
E-mail Address <u>carlasue4@lycos.com</u>		Date 12/28/04
<u>Carla S. Shaw</u>		Production Technician

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		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 879'	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 943'	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs 1920'	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

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

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
879	943'	64'	Sandstone
943	1450'	507'	Shale
1450	1920'	470'	Sand/Shale/Coal
1920			Sand

MARALEX RESOURCES, INC.

**BRIMHALL 30-11-18 # 2A
SUPPLEMENTAL INFORMATION TO FORM C-105
COMPLETION REPORT
ACIDIZING AND FRAC TREATMENT REPORT**

REPORT DATE: 11/13/04

Move in and rig up Halliburton acid pumper. Tie-in to wellhead and end frac tank. Pressure test surface lines to 4000 psi-good. Hold safety meeting. Discuss job. Open frac valve-no well head pressure. Fill 5-1/2" with 2% KCL water. Caught pressure after pumping 22 BBls water. **Pump 500 gallons of 7-1/2% HCL at 4 BPM and 270 psi. Pump 1000 gallons of 12-3 mud acid with (100) 1.1 S.G. ball sealers evenly spaced. Flush with 48 BBls 2% KCL water. Observed 300 psi diversion. Good breaks.** Shut down and rig down Halliburton.

REPORT DATE: 11/15/04

Move in Halliburton frac equipment. **Rig up to fracture stimulate the Basin Fruitland Coal interval from 1860'-1880'.** Conduct quality control checks on fracturing fluids. Water temp 85-90 degrees F, pH 7.8, S.G. 1.01, TDS 20,900. Run X-link and breaker tests. Show good viscosity and approximately 1 hour gel and X-link break. Hold safety meeting and review job description. Establish "Red Line" pressure of 3800 psi. Review safety and escape routes. Pressure test lines and top of frac valve to 4500 psi-good.

Start pre-pad at approximately 9:45. Fill hole at 7-8 BPM. Caught pressure and walked rate up to 35 BPM at treating pressure of 1780 psi. Pump treatment as follows:

6000 gallons	20# X-Link gel Pad	
5000 gallons	20# X-Link gel with 1/2 PPG	40-70 Sand
2500 gallons	20# X-Link gel with 1 PPG	40-70 Sand
4000 gallons	20# X-Link gel Pad	
6000 gallons	20# X-Link gel with 1 PPG	16-30 Ottawa Sand
6000 gallons	20# X-Link gel with 2 PPG	16-30 Ottawa Sand
8000 gallons	20# X-Link gel with 3 PPG	16-30 Ottawa Sand
8000 gallons	20# X-Link gel with 4 PPG	16-30 Ottawa Sand
6000 gallons	20# X-Link gel with 5 PPG	16-30 Ottawa Sand

Flush with 1772 gallons 2% KCL water.

ISIP 1900 psi.

5 minutes - 1608 psi

10 minutes - 1351 psi

15 minutes - 1081 psi

Pumped all sand, approximately 5000# 40-70, 105,000# 16-30 Ottawa.

All 16-30 sand coat with sand wedge.

Rig down Halliburton and move off location.

CEMENT JOB SUMMARY SHEET

Job Type

8 5/8" SURFACE

				Measure
Casing	Size	Weight	Grade	d Depth
Surface	9"	24		294
Intermediate				
Production				
Landing Jt.	8 5/8	224		10
Total Casing				304
Open Hole	12 1/4			300

CEMENT DATA

Spacer	10 Bbls H2O		
Cement 1	STD		225 Sacks
Additives	2% C.C.- 1/4# FLOCELE		
	Weight (lb/gal)	Yield (cuft/sk)	Water (gal/sk)
	15.60	1.18	5.20
Cement 2			Sacks
Additives			
	Weight (lb/gal)	Yield (cuft/sk)	Water (gal/sk)
Cement 3			Sacks
Additives			
	Weight (lb/gal)	Yield (cuft/sk)	Water (gal/sk)
Cement 4			Sacks
Additives			
	Weight (lb/gal)	Yield (cuft/sk)	Water (gal/sk)

Displacement H2O #REF! (lb/gal)

CEMENTING EQUIPMENT

Provider			
Guide Shoe	1 ea.	Centralizers	4 ea.
Float Shoe	ea.	Plug Type	ea.
Float Collar	ea.	Packer	ft.
DV Tool	ft.	Retainer	ft.

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER

321 J3

TICKET DATE

September 11, 2004

REGION
NORTH AMERICA

WELL / EMP #
210224

LOCATION
FARMINGTON, NM

TICKET AMOUNT

WELL LOCATION
AZTEC, NM

LEASE NAME

BRIMHALL 30-11-18

Well No.
2A

SEC /

ZONAL ISOLATION 10003

HWA / COUNTRY

ROCKY MOUNTAIN

WELL EMPLOYEE NAME
LEONARD CLITSO

COMPANY
MARALEX

WELL TYPE

02 GAS

DEPARTMENT

BOA / STATE

NM

COUNTY

SAN JUAN

PSL DEPARTMENT

ZONAL ISOLATION

CUSTOMER REP / PHONE

JIM GRAVES/970-79-1693

APRUM #

30-045-32502

SAP BOMB NUMBER

JOB TYPE

8 5/8" SURFACE

TWP /

SEC 18 / TWP 30N / RNG 11W

WELL EMP NAME / EMP # / (EXPOSURE HOURS)

HRS

HRS

HRS

HRS

Leonard Clitso 210224

Waylon Shockley 313188

Jack Cacy 196890

WELL UNIT #8 / (R/T MILES)

R/T MILES

R/T MILES

R/T MILES

R/T MILES

10288185

20

10251407

20

10243548/10025040

20

Form. Name

Type:

Form. Thickness

From

To

Pecker Type

Set At

Bottom Hole Temp.

Pressure

Retainer Depth

Total Depth

Date

Called Out

On Location

Job Started

Job Completed

Time

9/11/04

9/11/04

9/11/04

9/11/04

Time

10:30

13:00

15:21

15:45

Type and Size

Qty

Make

Float Collar

Float Shoe

Centralizers

Top Plug

Limit Clamp

BASKET

Insert Float

Guide Shoe

Weld-A

Casing

New/Used

Weight

Size

Grade

From

To

Max. Allow

Surface

NEW

24.0

8 5/8

O

294

Intermediate

Production

Landing Jt.

OLD

224.0

8 5/8

10

Total Casing

Open Hole

12 1/4

O

304

300

Shots/Ft.

Perforations

Perforations

DV Tool

Mud Type

H2O BASE

Density

9

Lb/Gal

Disp. Fluid

H2O

Density

8.33

Lb/Gal

Prop. Type

Size

Lb

Prop. Type

Size

Lb

Acid Type

Gal.

%

Acid Type

Gal.

%

Surfactant

Gal.

In

NE Agent

Gal.

In

Fluid Loss

Gal/Lb

In

Gelling Agent

Gal/Lb

In

Fric. Red.

Gal/Lb

In

Breaker

Gal/Lb

In

Blocking Agent

Gal/Lb

In

Perfpac Balls

Qty.

Other

KCL substitute

Other

Other

Other

Date

Hours

Date

Hours

9/11/04

3.00

9/11/04

0.50

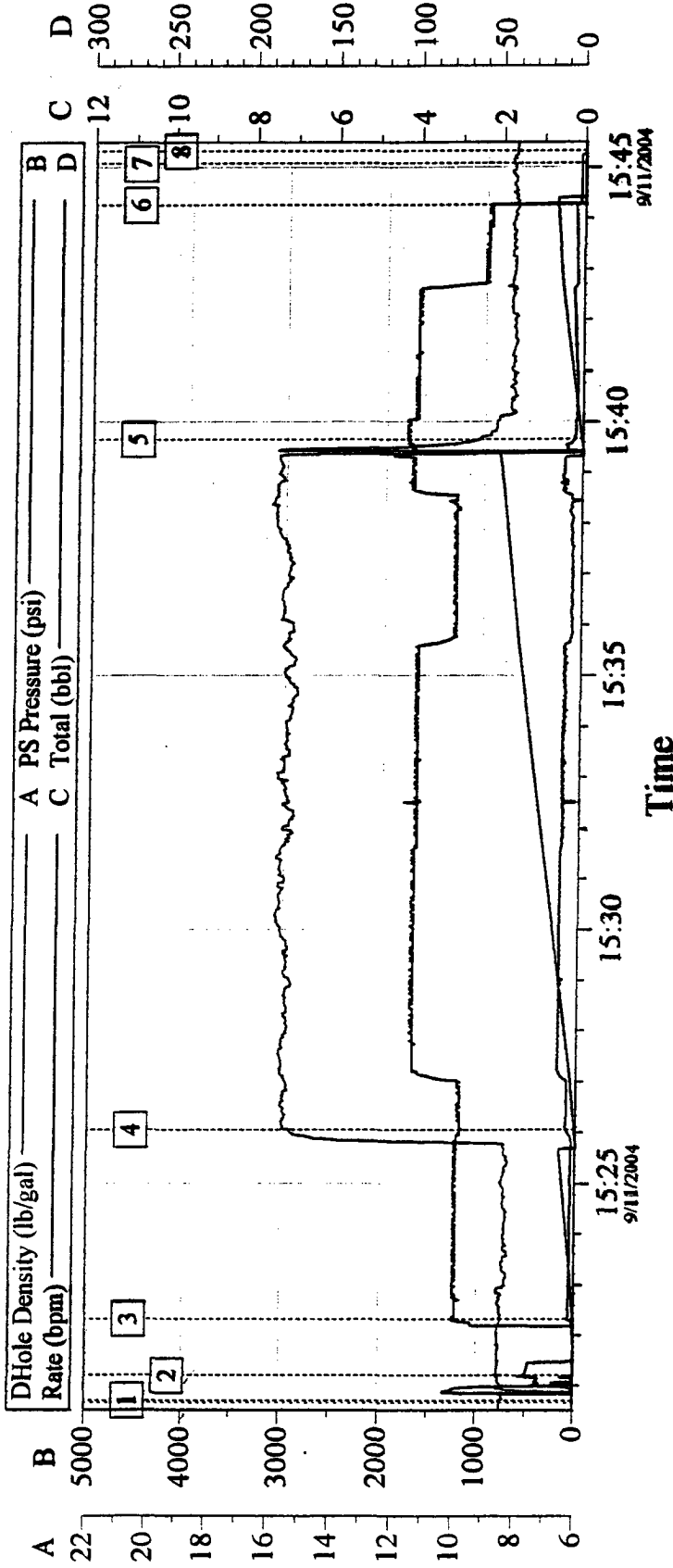
9/11/04

9/11/04

HALLIBURTON JOB LOG						TICKET #	TICKET DATE
REGION		NMA / COUNTRY		BDA / STATE		COUNTY	
NORTH AMERICA LAND		ROCKY MOUNTAIN		NM		SAN JUAN	
MBU ID / EMPL #		H.E.B. EMPLOYEE NAME		PSL DEPARTMENT			
210224		LEONARD CLITSO		ZONAL ISOLATION			
LOCATION		COMPANY		CUSTOMER REP / PHONE			
FARMINGTON, NM		MARALEX		JIM GRAVES/970-79-1693			
TICKET AMOUNT		WELL TYPE		APPROX			
		02 GAS		30-045-32502			
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE		Description	
AZTEC, NM		ZONAL ISOLATION 10003				8 5/8" SURFACE	
LEASE / WELL #		WELL NO.		TWP /		RNG	
BRIMHALL 30-11-18		# 2A		SEC 18 / TWP 30N / RNG 11W			
13:00						ARRIVED ON LOCATION	
13:05						LOCATION ASSESSMENT & SAFETY MEETING	
14:00						SPOT AND RIG UP EQUIPMENT ON LOCATION.	
15:00						HELD PRE JOB SAFETY MEETING.	
15:21					500	START JOB AND PRESSURE TEST PUMPS AND LINES.	
15:22	3	10			65	PUMP FRESH WATER SPACER.	
15:28	4	45			109	PUMP CEMENT MIXED @ 15.8#/gal. " 225 sks "	
15:39	4	0			92	SWITCH TO FRESH WATER DISPLACMENT.	
15:44	2	16.8			97	SHUT DOWN, DISPLACED DOWN TO 264 ft.	
15:45					46	SHUT IN THE WELL.	
15:45						END JOB.	
16:00						HELD POST JOB SAFETY MEETING.	
16:15						RIG DOWN AND WASH UP THE PUMP TRUCK.	
						CIRCULATED 15 bbls OF GOOD CEMENT TO SURFACE.	

BRIMHAL 30-11-18 # 2A

8 5/8" SURFACE



Customer: MARALEX Job Date: SEPTEMBER 11, 2004 Ticket #: 3280603

CEMENT JOB SUMMARY SHEET

Job Type

5 1/2" PRODUCTION PIPE

				Measure
Casing	Size	Weight	Grade	d Depth
Surface	9"	24	J55	300
Intermediate				
Production	5 1/2	15.5	J55	1,991
Tubing				
Drill Pipe				
Open Hole	7 7/8			1,990

CEMENT DATA

Spacer	20 Bbls SCAVENGER		
Cement 1	65/35/POZ		30 Sacks
Additives	6% GEL, 5# GILSONITE, 1/4# FLOCELE		
	Weight (lb/gal)	10.00	Yield (cuft/sk) 2.00 Water (gal/sk) 12.00
Cement 2	65/35/POZ		200 Sacks
Additives	6% GEL, 5# GILSONITE, 1/4# FLOCELE		
	Weight (lb/gal)	12.40	Yield (cuft/sk) 1.88 Water (gal/sk) 9.48
Cement 3	STD		100 Sacks
Additives	.4% HALAD 344, 5# GILSONITE, 1/4# FLOCELE		
	Weight (lb/gal)	15.20	Yield (cuft/sk) 1.26 Water (gal/sk) 5.21
Cement 4			Sacks
Additives			
	Weight (lb/gal)	Yield (cuft/sk)	Water (gal/sk)

Displacement **H2O** **#REF!** **(lb/gal)**

CEMENTING EQUIPMENT

Provider	HES		
Guide Shoe	1 ea.	Centralizers	16 ea.
Float Shoe	ea.	Plug Type	5 WIPER
Float Collar	1 ea.	Packer	ft.
DV Tool	ft.	Retainer	ft.

[illegible]

Legend:

- A** D/Hole Density (lb/gal)
- B** Rate (bpm)
- C** PS Pressure (psi)

Time: 17:00 to 18:10 (9/17/2004)

Key Data Points (Approximate):

Time	Rate (bpm)	D/Hole Density (lb/gal)	PS Pressure (psi)
17:00	~1000	~10	~1
17:05	~3000	~10	~1
17:10	~1000	~10	~1
17:20	~1500	~10	~1
17:30	~1500	~10	~1
17:40	~1500	~10	~1
17:50	~1500	~10	~1
18:00	~1500	~10	~1
18:10	~1500	~10	~1

Event Log								
1	Start Job	17:02:16	2	Test Lines	17:02:54	3	Pump Spacer 1	17:15:23
4	Pump Lead Cement	17:21:25	5	Pump Tail Cement	17:36:10	6	Clean Lines	17:42:20
7	Drop Top Plug	17:43:42	8	Pump Displacement	17:45:40	9	Displ Reached Cement	17:47:33
10	Bump Plug	17:59:22	11	End Job	18:00:16			

Customer: MARALEX Well Description: BRIMHALL 30-11-18 # 2A	Job Date: 9/17/04 UWI: 30-045-32502	Ticket #: 3294563 STROMBERG HERRERA
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