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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC029509A

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: OTH
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: FRONTIER FIELD SERVICES LLC — Contact: MICHAEL W SELKE — E-Mail: mselke@geolex.com

8. Lease Name and Well No.: MALJAMAR AGI 2

3. Address: MALJAMAR, NM 88260

3a. Phone No. (include area code): Ph: 505-842-8000

9. API Well No.: 30-025-42628

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: SWSE 400FSL 2100FEL 32.813967 N Lat, 103.769748 W Lon

At top prod interval reported below: SWSW 400FSL 1000FWL

At total depth: SWSW 355FSL 713FWL

10. Field and Pool, or Exploratory: AGI

11. Sec., T., R., M., or Block and Survey or Area: Sec 21 T17S R32E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 01/25/2016

15. Date T.D. Reached: 03/06/2016

16. Date Completed ☐ D & A ☐ Ready to Prod.: 05/16/2016

17. Elevations (DF, KB, RT, GL)*: 4019 GL

18. Total Depth: MD 11065 TVD 10236

19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): SEE ADDITIONAL REMARKS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J55	94.0	0	900		1450	418	0	0
17.500	13.375 J55	61.0	0	2567		1830	553	0	0
12.250	9.625 HCL80	40.0	0	6524	5278	1960	595	0	0
8.750	7.000 HCL80	29.0	0	11048	9323	1236	385	0	0
8.750	7.000 CRA-G3	32.0	9794	10239					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10162	10168						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	WOLFCAMP	10215	10900	10268 TO 10302	0.500	120	OPEN
B)				10538 TO 10552	0.500	84	OPEN
C)				10648 TO 10678	0.500	120	OPEN
D)				10750 TO 10900	0.380	672	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10268 TO 10678	ROCKET PROPELLANT STIMULATION
10750 TO 10900	18,000 GAL HCL, 14,000 GAL TREATED FRESH WATER, 2000 GALS BRINE, AND 3300 LBS ROCK SALT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #342066 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

ACCEPTED FOR RECORD
OCT 25 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
UNKNOWN

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				SALADO	985
				TANSILL	1989
				YATES	2067
				SAN ANDRES	3930
				GLORIETA	5571
				ABO	7792
				WOLFCAMP	10215
				CISCO	11006

32. Additional remarks (include plugging procedure):
The Maljamar AGI #2 will be used for acid gas injection therefore many of the questions and data requests herein are not applicable. All of the open hole and cased hole electric logs were submitted with the appropriate Form 3160-5. The final well directional survey and completed well schematic are attached.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #342066 Verified by the BLM Well Information System.
For FRONTIER FIELD SERVICES LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/20/2016 ()

Name *(please print)* MICHAEL W SELKE Title CONSULTANT TO FRONTIER

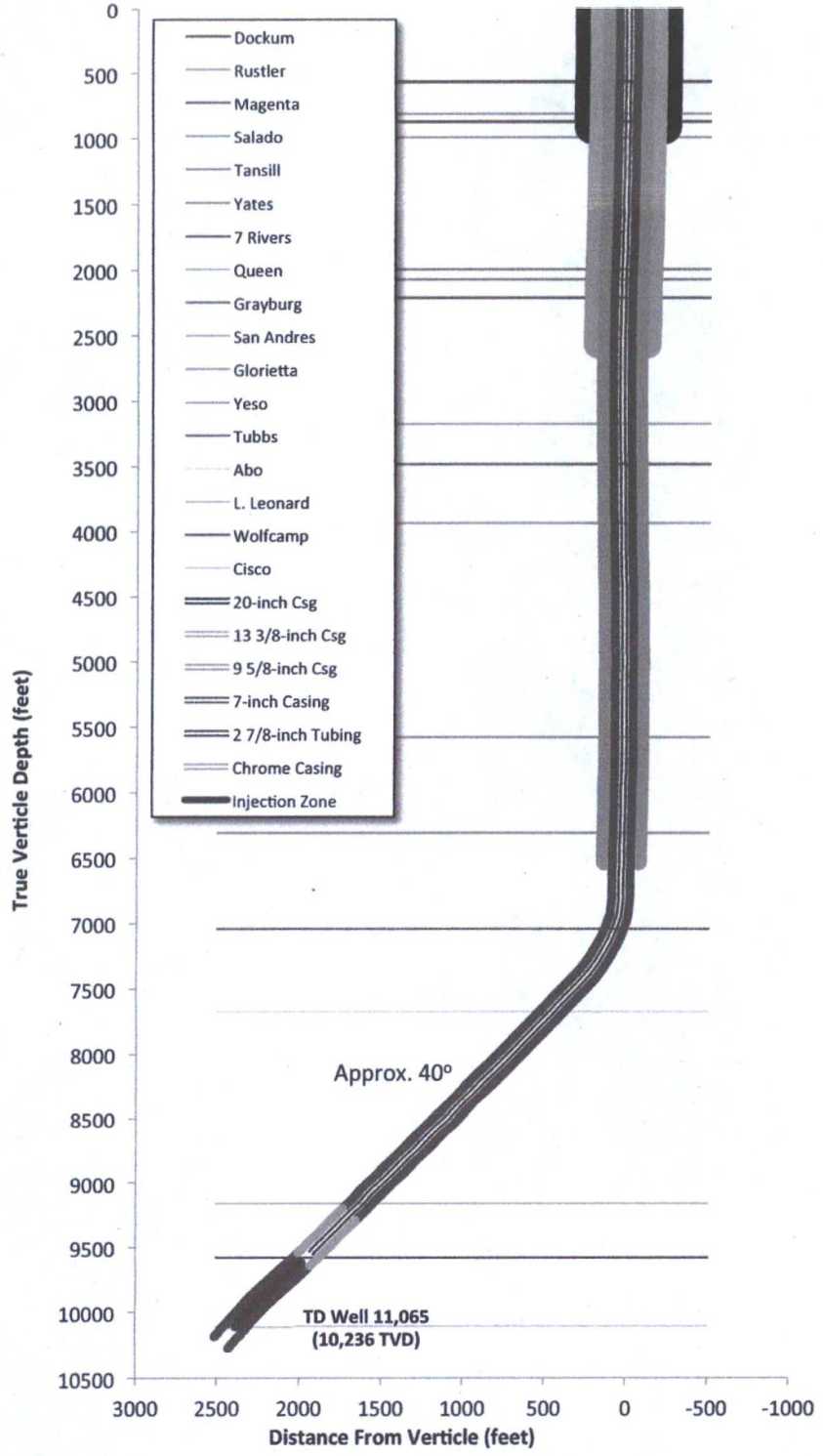
Signature (Electronic Submission) Date 06/14/2016

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Well Name: Maljamar AGI #2 (API: 30-025-42628)

Surface Location: Section 21(O), T17S-R32E, (400' FSL & 2100' FEL)
Lea County, New Mexico



CONDUCTOR (30-in) to 82 ft

Subsurface Safety Valve at 333 ft MD

SURFACE CASING:
20", 94 lb/ft, J55, BTC at 900 ft in 26-in hole, cement to surface

1st INTERMEDIATE CASING:
13 3/8-inch, 61 lb/ft, J55, BTC at 2,567 ft in 17.5-in hole, cement to surface

DV Tool in 9 5/8-in casing at 5,278 ft

2nd INTERMEDIATE CASING:
9 5/8-inch, 40.0 lb/ft, HCL-80, LTC at 6,524' (6,523 ft TVD) in 12 1/4-inch hole, cement to surface (both stages)

PRODUCTION CASING:
7-inch, 29 lb/ft, HCL-80, LTC in 8 3/4-inch hole at 11,048 ft (10,222 ft TVD) with 16 joints of 7", 32 lb/ft, CRA G3-110 VAM Top HC from 9,794 to 10,239 ft (9,237 to 9,587 ft TVD) cement to surface (both stages)

DV Tool in 7-in casing at 9,323 ft (8,870 ft TVD)

TUBING & EQUIPMENT:
2 7/8", 6.4#, L-80 to 9,818 ft
2 7/8", 6.4#, G3-125 from 9,818 - 10,162 ft
P-T Gauges set 6' above Packer
Inject. Packer @ 10,168 ft MD (9,532' TVD)
Check valve (placed in nipple below packer)

PERFORATIONS:
Zone 1: 10,268 - 10,302 ft MD
Zone 2: 10,538 - 10,552 ft MD
Zone 3: 10,648 - 10,678 ft MD
Zone 4: 10,750 - 10,900 ft MD
(9,609 - 10,100 ft TVD)

BHL at TD: Section 21(M), T17S, R32E (355' FSL & 713' FWL), Lea Co., NM

GEOLEX INCORPORATED	Frontier Energy Services Maljamar AGI #2	Final Schematic
	Completion Information in Directional Hole	May 2016