

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCD Hobbs

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5 Lease Serial No. NM NM 1080255
2 Name of Operator RAW Oil & Gas, Inc.	6 If Indian, Allottee or Tribe Name
3a Address 1415 Buddy Holly Lubbock TX. 79401	7 If Unit or CA Agreement, Name and/or No.
3b Phone No. (include area code) (806) 771-7766	8 Well Name and No. Hikman Federal #2
4 Location of Well (Footage, Sec., T., R., M. or Survey Description) TRM 1980 FNL/660 FEL Sec 24, T9S, R37E, NM7 Lea County. LAT 32.521546 LONG 103.099543	9 API Well No. 30-025-44305-55480
	10 Field and Pool, or Exploratory Area Sawyer/San Andres
	11 County or Parish, State Lea County NM

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

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

13 Describe Proposed or Completed 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-1 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.)

See attached detail:



/s/ Jonathon Shepard

14 I hereby certify that the foregoing is true and correct Name (Printed Typed)	Title President
Signature <i>Joe O'Hara</i>	Date 4-19-18
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office
Date MAY 16 2018	
BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	

(Instructions on page 2)

2/3/2018 Notified Pat McKelvey w/BLM of Intent to **Spud Well @ 11:00 am**. Drilling formation F/40' T/140' RPM 110, WOB 15K, PP 220 PSI w/115 SPM, WLS @ 98', 0.75 degrees. Continue DRLG. Depth 698'. Footage 649'. **Conductor 1 joint, 40' OD 16.**

2/7/2018 Drilling formation F/2363' WOB 30K, RPM 100, PP 900, w/ 117 SPM. RU Casing Crew, **Surface run 56 joints 32#; STC 8-5/8 PT casing 960# for 30 min – ok.** Surface casing, total pipe 2366.85 Set @ 2366'. Weight 32, J-55 STC.

2/10/2018 Drilling formation F/2505' T/2791' WOB 4K, RPM 90, PP 900 PSI, w/ 110 spm. Depth 3615'. Footage 1110'.

2/12/2018 TD @ 11:00 PM 2011/2018 SPR @ 5100' 412 PSI, w/64 SPM. BOP Drill @ 4788'.

2/15/2018 Circulate casing, RU Halliburton T/Cement. Depth 5224' RU Casing Crew, run 124 joints, 5-1/2", 15:50 #, LTC, **PT casing 1300 # for 30 min – ok.** **Production Casing.** Total Pipe 5227'. Pipe set @ 5223'.

2/16/2018 Cement w/ 750 sx Lead, 220 sx Tail, 123 bbls. displacement, plug down @ 9:22 am
2/16/2018. Set slips w/60K Wt. Cut off 5-1/2" casing; install tubing head, test T/psi – OK. Jet pits, rig released.

Form 3160-3
(March 2014)

HOBBS OCD
DEC 26 2017
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM080255
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator RAW OIL & GAS INCORPORATED (371896)		7. If Unit or CA Agreement, Name and No.
3a. Address 1415 Buddy Holly Avenue Lubbock TX 79401		8. Lease Name and Well No. (317673) AIKMAN FEDERAL 2
3b. Phone No. (include area code) (806)771-7766		9. API Well No. 30-025-44305
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface TR H / 1980 FNL / 660 FEL / LAT 32.521546 / LONG -103.099543 At proposed prod. zone TR H / 1980 FNL / 660 FEL / LAT 32.521546 / LONG -103.099543		10. Field and Pool, or Exploratory SAWYER / SAN ANDRES
11. Sec., T. R. M. or Blk. and Survey or Area SEC 24 / T9S / R37E / NMP		12. County or Parish LEA
13. State NM		14. Distance in miles and direction from nearest town or post office 9.1 miles
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660 feet	16. No. of acres in lease 120	17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, 1320 feet applied for, on this lease, ft.	19. Proposed Depth 5100 feet / 5100 feet	20. BLM/BIA Bond No. on file FED: NMB001431
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3962 feet	22. Approximate date work will start* 09/01/2017	23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Curtis Griffin / Ph: (575)390-4693	Date 06/29/2017
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Title
Surface Consultant - Agent

Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Bobby Ballard / Ph: (575)234-2235	Date 12/20/2017
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Title
Natural Resource Specialist

Office
CARLSBAD

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

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

(Continued on page 2)

*(Instructions on page 2)

APPROVED WITH CONDITIONS

Approval Date: 12/20/2017

KZ
01/02/18

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