OCD-HOBBS

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

JUL 21 2015

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

5. Lease Serial No.
NMLC065863

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.
ZIA AGI 1

2. Name of Operator
DCP MIDSTREAM, LP

Contact: DALE T LITTLEJOHN
E-Mail: dale@geolex.com

9. API Well No.
30-025-42208

3a. Address
370 17TH STREET SUITE 2500
DENVER, CO 80208-5406

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

10. Field and Pool, or Exploratory
EXPL BRUSHY/CHERRY CANYON

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 19 T19S R32E ~~2305FNL 750FWL~~
2100 FSL & 950 FWL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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 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.)

Notice of Intent to Complete as Approved in the ADP

The DCP Zia AGI #1 8,1/2 inch production casing borehole reached TD (6,360 feet) measured depth (MD) on Tuesday, January 27, 2015 and the 7-inch production casing was installed and the final stage cemented on January 31, 2015. All required circumferential cement bond logs have been previously submitted to, and approved by, BLM. Following the submittal of a perforation and testing plan which was approved by the BLM on March 24, 2015, the DCP Zia AGI #1 7-inch production casing was perforated using Schlumberger as the contractor from April 21 through May 17, 2015. The zone-specific SRTs were completed in April and May 2015. BLM was notified of all the individual zone tests and Paul Swartz witnessed the Zone 2 test at which time he said that the only additional test they wanted to witness was the overall test for all 5 perforated zones. Five (5) potential injection intervals (zones) were evaluated in the required step rate test (SRT) that was witnessed

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #306922 verified by the BLM Well Information System
For DCP MIDSTREAM, LP, sent to the Hobbs

Name *(Printed/Typed)* DALE T LITTLEJOHN — Title GEOLEX CONSULTANT TO DCP

Signature (Electronic Submission) — Date 06/25/2015

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date JUL 9 2015

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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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.

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

JUL 21 2015

Additional data for EC transaction #306922 that would not fit on the form

32. Additional remarks, continued

by Paul Swartz of BLM on 5/20/2015. This test was analyzed and then summarized in a Form 3160-5 and then submitted to BLM via the BLM website on June 19, 2015 as well as to the NMOCD on a Form C-103 on June 22, 2015. Step rate testing at rates of up to 7 barrels per minute and a tracer analysis at up to 2 barrels per minute indicated that there was no vertical movement of fluids outside the approved injection zone and that the injected fluids were taking advantage of natural fissures, laminations and weaknesses in the injection zone. The tracer analysis revealed that only the three bottom zones took fluid at the anticipated injection rate (see below). The two upper zones did not take any flow during the tracer survey. These tracer tests are used by EPA to confirm the lack of vertical travel of the fluid in Class I hazardous injection wells and in this case they clearly confirm the lack of upward flow within the zones taking fluid. Results of the tracer survey are as follows:

Upper Zone (Not taking any fluid in tracer test)
5,682 to 5,756 feet (0% of flow)
5,788 to 5,890 feet (0% of flow)

Lower Zone (Took all fluid in tracer test)
5,907 to 6,010 feet (6% of flow)
6,030 to 6,136 feet (84% of flow)
6,162 to 6,260 feet (10% of flow)

Based on the SRT results, the operator is not requesting any increase the current NMOCC-approved maximum allowable surface operating pressure (MAOP) for treated acid gas of 2,233 psig.

DCP proposes to proceed with the currently approved well completion. The 7-inch corrosion-resistant alloy casing (CRA) extends from 5,306 to 5,615 feet MD. The current top of perforations is 5,682 feet MD and the approved design allows for the packer to be set in the CRA (5,590 feet MD) and still be within 100 feet of the top perforation (5,682 feet MD). However, since the upper two perforated zones took no fluid during the tracer test at rates anticipated for injection this provides even more protection to, and isolation from, the overlying caprock. See Figure 1 for a proposed completion diagram.

This final notice of intent 3160-5 fulfills the requirement of the BLM Conditions of Approval for DCP Zia AGI #1 dated October 22, 2014 and NMOCC Order R-13809 and requests permission to complete the Zia AGI #1 well pursuant to this sundry.

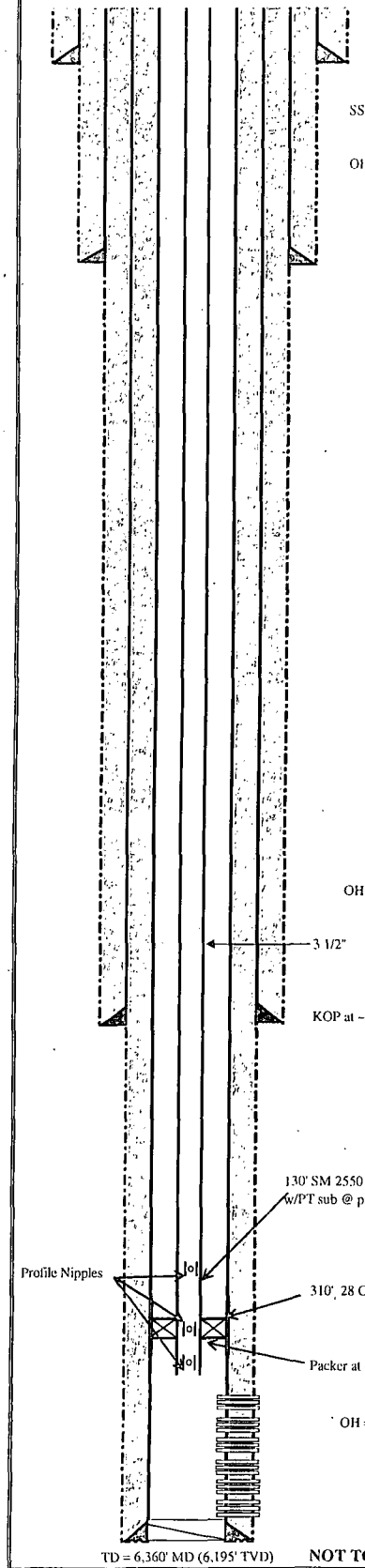
GEOLEX
INCORPORATED

Figure 1

dcp Midstream

Location: DCP Zia AGI #1 (API: 30-025-42208)
STR Section 19(L), T19S-R32E
County, St.: LEA COUNTY, NEW MEXICO

16.2 DEGREE SLANT



CONDUCTOR CASING
20" Conductor at 120'
Cemented to Surface

SURFACE CASING
13 3/8", 48.00#/ft, J55, ST&C at 842' (1/27/14)
Cemented to Surface

ANNULAR FLUID:
Corrosion-inhibited Diesel Fuel with biocide from top of packer to surface

INTERMEDIATE CASING:
9 5/8", 40.0 #/ft, J55, LT&C at 4,921' MD (4,825' TVD)
Cemented to Surface

PRODUCTION CASING:
7 5/8", 29.7 #/ft, HCL-80 LT&C, Surf. To 317' MD (317' TVD)
7", 26 #/ft, HCL-80 LT&C, 317' to 5,305' MD (317' to 5220' TVD)
7", 26 #/ft, 28Cr VAM TOP, 5,305' to 5,615' MD (5220' to 5520' TVD)
7", 26 #/ft, HCL-80 LT&C, 5,615' to 6,344' MD (5520' to 6177' TVD)
Cemented to Surface

TUBING:
3 1/2", 9.3#/ft, L-80 Fiberglass Lined Tubing to 5,460' MD (5,367' TVD)
3 1/2", 9.3#/ft, SM 2550 Tubing from 5,460' to 5,590 MD (5,367 - 5,495' TVD)

PACKER:
Permanent Production Packer @ 5,590' MD (5495' TVD)
Adj. Choke (if needed, placed in nipple below packer)
Check valve (if needed, placed in nipple below packer)
Bottom hole PT transducer with continuous monitoring of PT in injection zone and annulus set in sub just above packer

PERFORATIONS:

Formations	MD	TVD
Lower Cherry Canyon	5,682' - 5,756'	5585' - 5657'
Brushy Canyon	5,788' - 5,890'	5689 - 5789'
	5,907' - 6,010'	5806' - 5907'
	6,030' - 6,136'	5927' - 6031'
	6,162 - 6,260'	6057' - 6153'

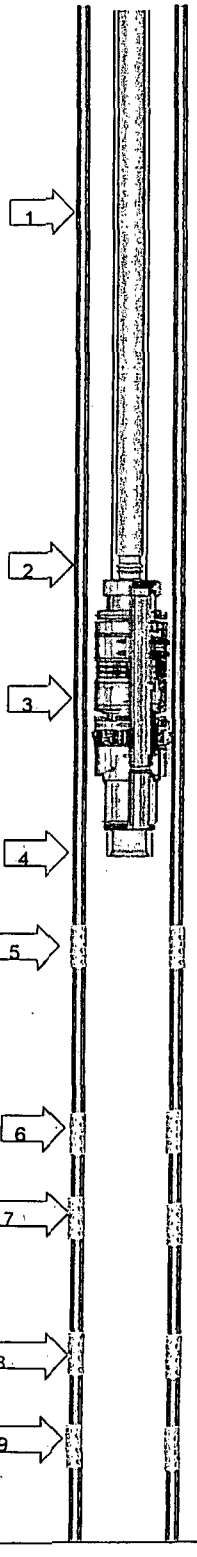
NOT TO SCALE

Schlumberger

DATE:	5/20/2015

COMPANY:	PB ENERGY STORAGE SERVICES
WELL NAME & No.	ZIA AGI #1
PREPARED FOR:	CHARLES SLACK
FIELD:	AGI
COUNTY:	LEA
STATE:	TEXAS
PREPARED BY:	RANDY HODDE
PHONE NUMBER:	903-948-8010

	CASING	LINER	UPPER TUBING	LOWER TUBING
SIZE	7	NA	2.875	NA
WEIGHT	26	NA	6.5	NA
GRADE	N-80	NA	N-80	NA
THREAD	EUE	NA	EUE	NA
DEPTH	6234	NA	5470	NA



ITEM	DESCRIPTION	O.D. (in.)	I.D. (in.)	LENGTH (ft.)	DEPTH (ft.)
				KB	15.00
	SLACKOFF			-13.00	13.00
1	TUBING 6.5 N-80 (169 JOINTS)	2.875	2.441	5,456.33	13.00
2	SEAT NIPPLE (NO PROFILE)	2.740	2.250	1.00	5,469.33
3	PACKER T-X-T	6.020	2.500	7.29	5,470.33
4	WIRELINE RE-ENTRY GUIDE	3.700	2.441	0.42	5,477.62
					5,478.04
5	TEST PERFS @ 5682' - 5756'				
6	TEST PERFS @ 5788' - 5890'				
7	TEST PERFS @ 5907' - 6010'				
8	TEST PERFS @ 6030' - 6136'				
9	TEST PERFS @ 6162' - 6260'				

Tubing Weight:	31,000	lbs
Weight on Packer:	15,000	lbs
Total Joints in Well:	169	Joints

Notes: