

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.***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. NMNM02952A
2. Name of Operator BOPCO LP		6. If Indian, Allottee or Tribe Name
Contact: WHITNEY MCKEE E-Mail: wbmckee@basspet.com		7. If Unit or CA/Agreement, Name and/or No. 891000558X
3a. Address P O BOX 2760 MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-683-2277	8. Well Name and No. JAMES RANCH UNIT 195H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T22S R30E SESE 0800FSL 0330FEL 32.203618 N Lat, 103.493429 W Lon		9. API Well No. 30-015-42324-00-X1
		10. Field and Pool, or Exploratory LOS MEDANOS
		11. County or Parish, and State EDDY 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 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.)

BOPCO, L.P. respectfully requests to change the BHL of JRU 195H to 660? FSL & 2,687? FWL to optimize unit development. The remaining two proration units will be developed from an additional well drilled from a different pad. Please find revised plat and directional plan attached. BOPCO, L.P. also respectfully requests to amend the completion program for the James Ranch Unit #190H. This will be accomplished by replacing the 4-1/2", 11.6 ppg, HCP-110, BTC open hole completion system with a 4-1/2", 13.5 ppg, P-110, BTC cemented production liner. The cemented liner will be hung 50' inside the 7" casing string at 11,371', to TD, 18,410'. The production liner will be cemented with 710 sacks of 14.5 ppg, 1.23 cuft/sack cement slurry and hung using a Baker Oil Tools ZXP mechanical liner top packer. Please find the cement slurry lab report attached.

Accepted for record  
NM OIL CONSERVATION  
ARTESIA DISTRICT  
SEP 24 2014

RECEIVED

Done w/out approval (changed formation from Bon Spring to Wolfcamp)

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #244773 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by CATHY QUEEN on 06/06/2014 (14CQ0196SE)	
Name (Printed/Typed): CHRIS VOLEK	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 05/07/2014

ACCEPTED FOR RECORD

## 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 _____

SEP 19 2014  
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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**DISTRICT I**1025 N. French Dr. NM 88240  
Phone:(575)393-6161 Fax:(575)393-0720**DISTRICT II**811 S. First St., Artesia, NM 88210  
Phone:(575)748-1283 Fax:(575)748-9720**DISTRICT III**1000 Rio Brazos, Aztec, NM 87410  
Phone:(605)334-6178 Fax:(505)334-6170**DISTRICT IV**1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone:(505)470-3460 Fax:(505)476-3462State of New Mexico  
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

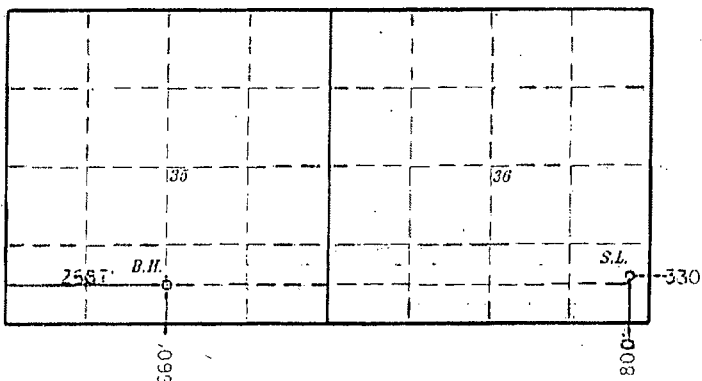
API Number	Pool Code 96336	Pool Name Los Medanos; Wolfcamp, South
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 195H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3310'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	36	22 S	30 E		800'	SOUTH	330'	EAST	EDDY

**Bottom Hole if Different From Surface**

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
O	35	22 S	30 E		660'	SOUTH	2687'	WEST	EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**PROPOSED  
SURFACE LOCATION**  
 Lat - N 32°20'36.18"  
 Long - W 103°49'34.29"  
 NAD83 - N 489009.4  
 E 656623.7  
 (NAD-27)

SCALE 1"=3000'

**PROPOSED BOTTOM  
HOLE LOCATION**  
 Lat - N 32°20'34.98"  
 Long - W 103°51'03.92"  
 NAD83 - N 488852.5  
 E 648334.3  
 (NAD-27)

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Whitney McKeel* Date: 5/8/14  
 Printed Name: Whitney McKeel  
 Email Address:

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

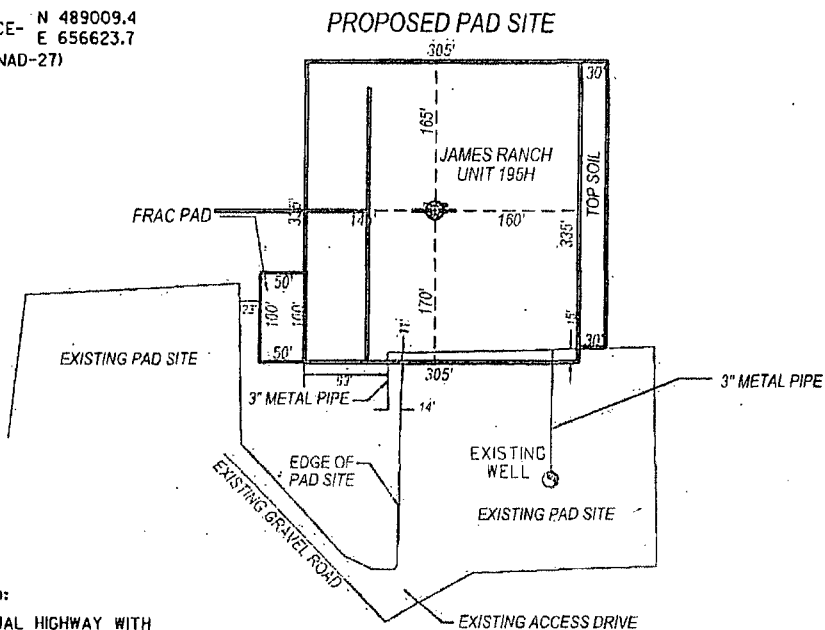
DECEMBER 11, 2003  
 Date Surveyed: *5/8/14*  
 Signature & Seal of Professional Surveyor: *Jim C. Pappas*  
 Registered Professional Surveyor  
 21209  
 Certificate No. 21209  
 HALF ASSOC., INC. 20711-W011

SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, WELL PAD LAYOUT NEW MEXICO

BOPCO, L.P.  
JAMES RANCH UNIT 195H  
ELEV. - 3310'

Lat - N 32°20'36.18"  
Long - W 103°49'34.29"

NMSPCE- N 489009.4  
E 656623.7  
(NAD-27)



Directions to Location:

FROM THE JUNCTION OF JAL HIGHWAY WITH WIPP ROAD RUNNING IN A NORTHERLY DIRECTION, FOLLOW WIPP ROAD NORTH FOR 0.8 MILES TO THE JUNCTION OF WIPP ROAD WITH A DIRT ROAD RUNNING IN AN EAST-WEST DIRECTION, TURN LEFT ON DIRT ROAD, FOLLOW DIRT ROAD FOR 0.04 MILES TO ANOTHER DIRT ROAD RUNNING IN A NORTHERLY DIRECTION, TURN RIGHT AT DIRT ROAD FOLLOW DIRT ROAD FOR 0.25 MILES TO A JUNCTION OF DIRT ROAD WITH ANOTHER DIRT ROAD RUNNING IN AN EASTERLY DIRECTION, TURN RIGHT AND FOLLOW DIRT ROAD TO THE EAST FOR 0.25 MILES TO A JUNCTION WITH ANOTHER DIRT ROAD RUNNING IN A NORTHERLY DIRECTION, TURN LEFT AND FOLLOW DIRT ROAD TO THE NORTH FOR 0.1 MILE TO AN EXISTING PAD SITE, FOLLOW GRAVEL ROAD CONNECTING THE SOUTHEAST CORNER OF THE EXISTING PAD SITE WITH ANOTHER EXISTING PAD SITE. PROPOSED PAD SITE IS LOCATED NORTH OF THE AFOREMENTIONED EXISTING PAD SITE.

NOTE: WELL IS LOCATED ABOUT 24 MILES SOUTHEAST OF CARLSBAD, NM

0 100 200 300 400

SCALE: 1"=200'



HALFF ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
KIRKLAND, TEXAS 75081-2275  
PHONE: (214) 345-8200  
FAX: (214) 739-0095

AVO, 29714-W011

Drawn By: RG

Date: 4/7/2014

Checked By: VK



BOPCO, L.P.

REF: JAMES RANCH UNIT 195H / WELL PAD TOPO

THE JAMES RANCH UNIT 195H LOCATED 800'

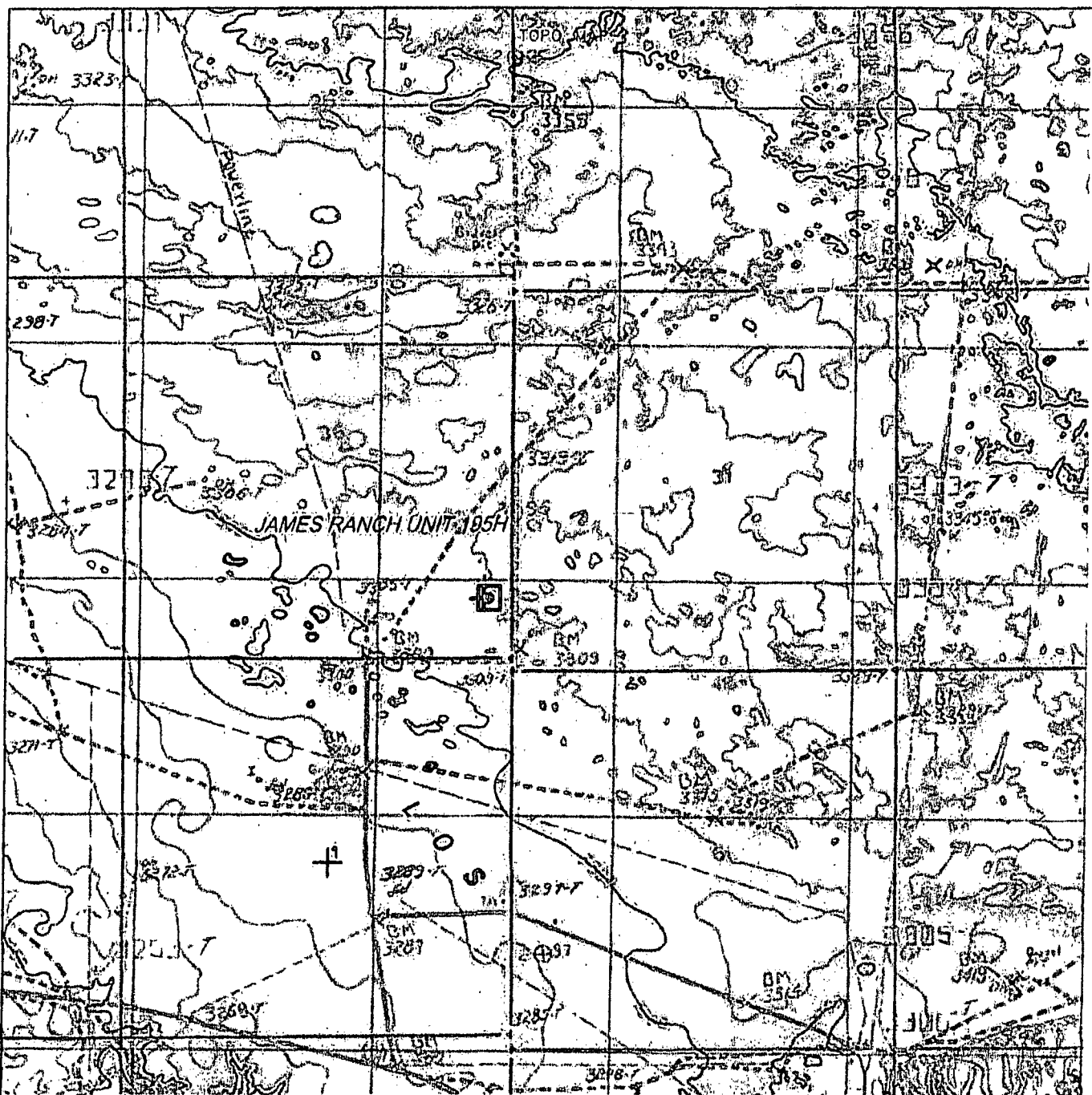
FROM THE SOUTH LINE AND 330' FROM THE EAST LINE OF

SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 12-11-2013

Sheet 1 of 7 Sheets



**JAMES RANCH UNIT 195H**

Located 800' FSL, 330' FEL

Section 36, Township 22 South, Range 30 East  
N.M.P.M., Eddy County, New Mexico.



# HALFF

**HALFF ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
RICHARDSON, TEXAS - 75081-2275  
PHONE: (214) 346-6200  
FAX: (214) 739-0095

AVO, 29714-W011

Survey Date: 12-11-2013

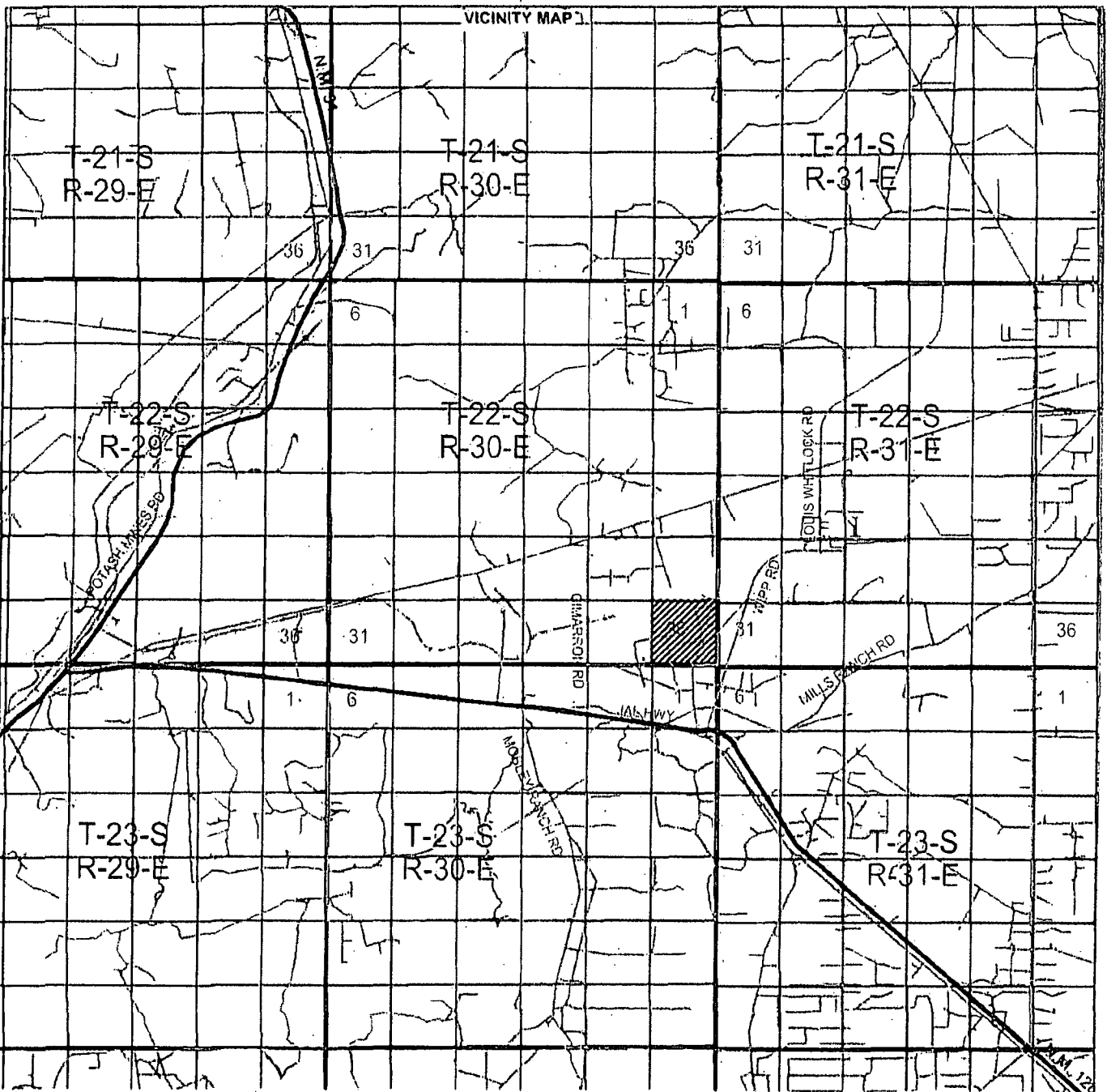
Scale: 1"=2000'

Date: 4/7/2014



**BOPCO, L.P.**

Sheet 2 of 7 Sheets



# **JAMES RANCH UNIT 195H**

Located 800' FSL, 330' FEL.

Section 36, Township 22 South, Range 30 East  
N.M.P.M., Eddy County, New Mexico.



**HALFF**

HALFF ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
RICHARDSON, TEXAS - 75081-2275  
PHONE: (214) 346-0200  
FAX: (214) 739-0095

AVO. 29714-W011

Survey Date: 12-11-2013

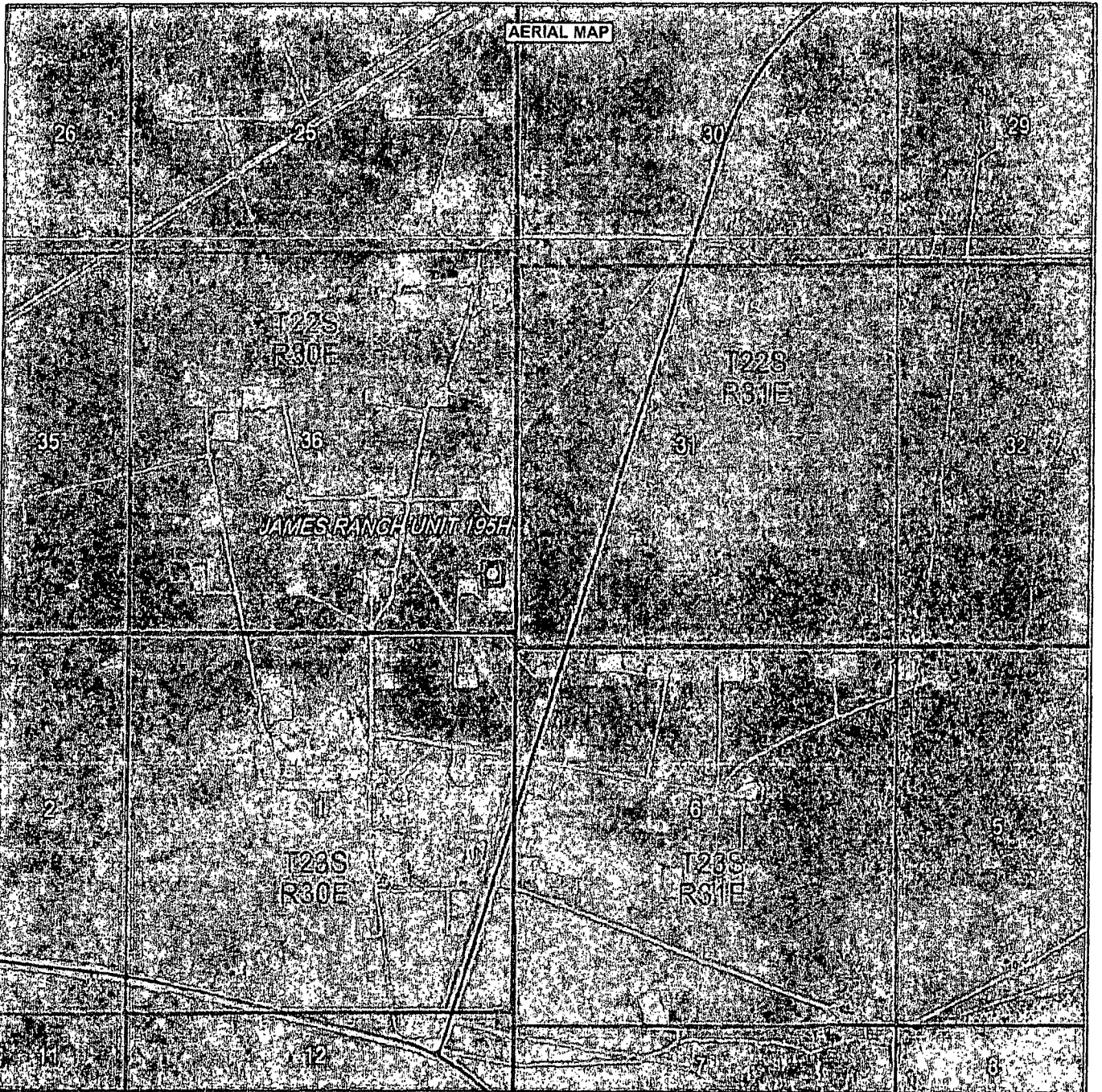
Scale: 1" = 2 MILES

Date: 4/7/2014



**BOPCO, L.P.**

Sheet 3 of 7 Sheets



# JAMES RANCH UNIT 195H

Located 800' FSL, 330' FEL

Section 36, Township 22 South, Range 30 East

N.M.P.M., Eddy County, New Mexico.



**HALFF**

HALFF ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
RICHARDSON, TEXAS - 75081-2275  
PHONE: (214) 349-6200  
FAX: (214) 730-0095

AVO, 29714-W011

Survey Date: 12-11-2013

Scale: 1"=2000'

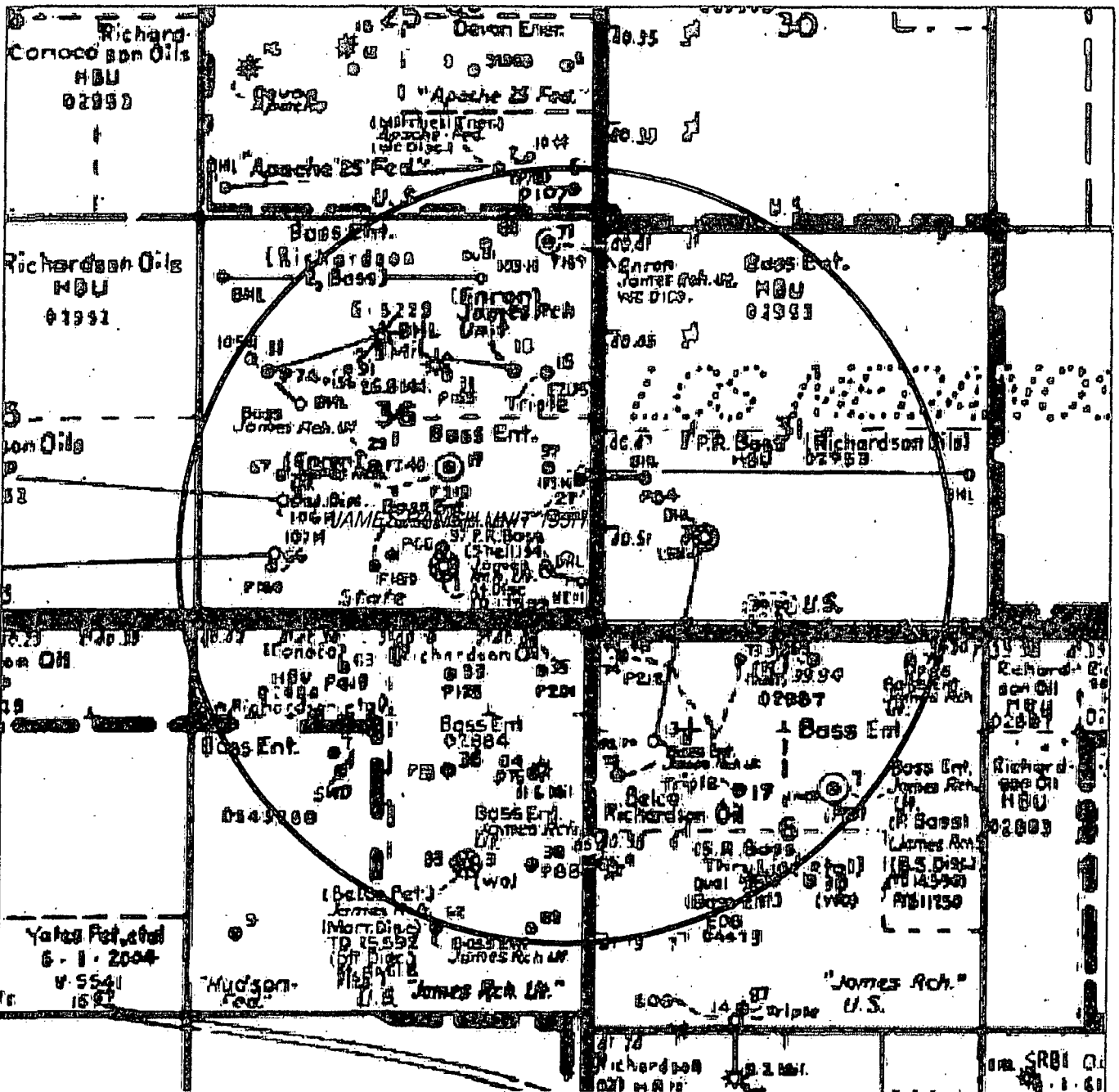
Date: 4/7/2014



**BOPCO, L.P.**

Sheet 4 of 7 Sheets

4/7/2014 4:00:54 PM a2706 HALFF 1326000433714W011-JRU 1326000433714-W011-Sheet 4.dgn



# JAMES RANCH UNIT 195H (SURFACE HOLE MAP)

Located 800' FSL, 330' FEL

Section 36, Township 22 South, Range 30 East

N.M.P.M., Eddy County, New Mexico.



**HALFF**

HALFF ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
RICHARDSON, TEXAS - 75081-2275  
PHONE: (214) 348-6200  
FAX: (214) 739-0095

AVO, 29714-W011

Scale: 1"=2000'

Survey Date: 12-11-2013  
Date: 4/1/2014

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND



**BOPCO, L.P.**

Sheet 5 of 7 Sheets

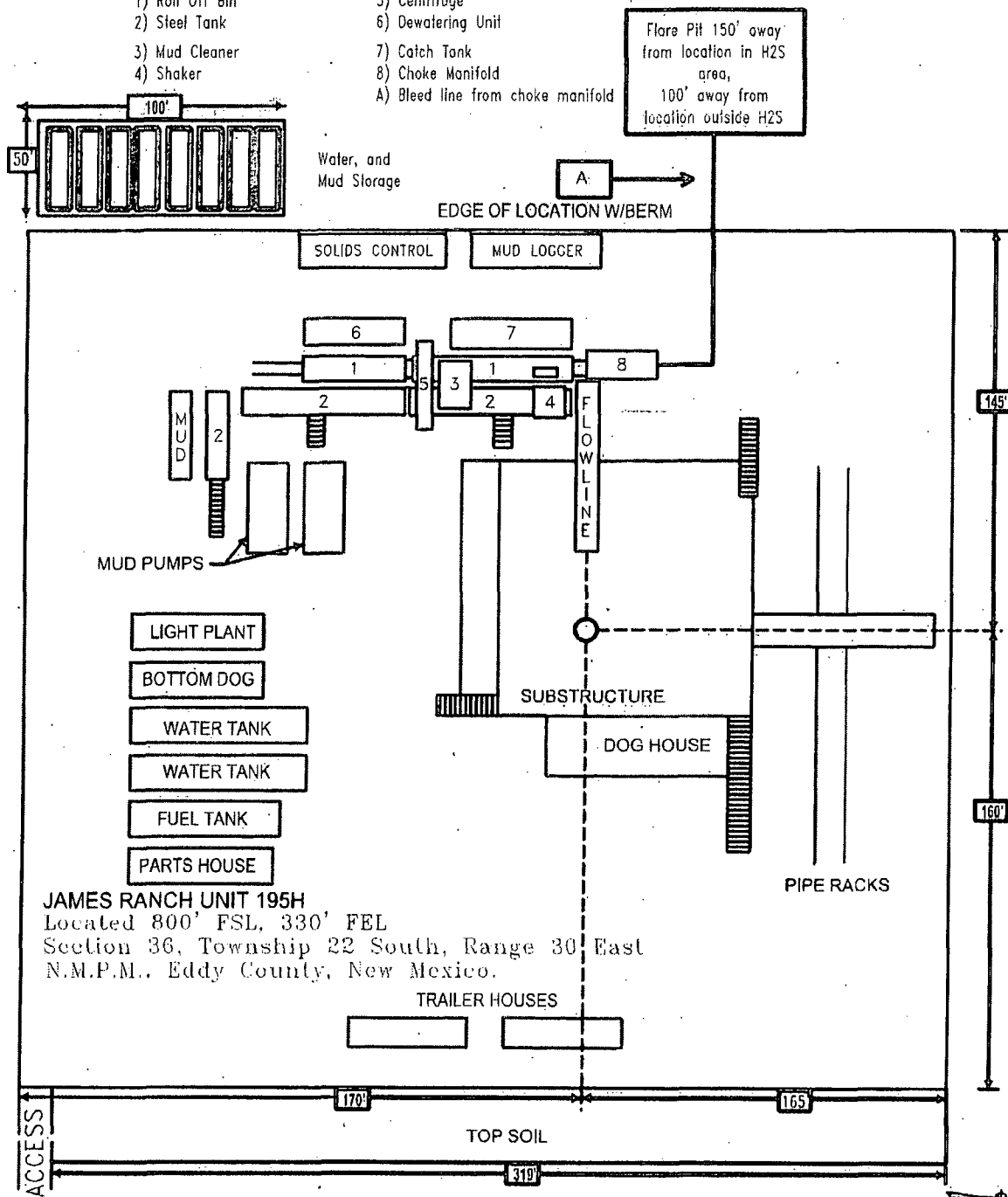


Exhibit "D"

RIG LAYOUT  
RIG LAYOUT SCHEMATIC  
INCLUSIVE OF CLOSED-LOOP DESIGN PLAN

Solids Control Equipment Legend

- |                                   |                    |
|-----------------------------------|--------------------|
| 1) Roll Off Bin                   | 5) Centrifuge      |
| 2) Steel Tank                     | 6) Dewatering Unit |
| 3) Mud Cleaner                    | 7) Catch Tank      |
| 4) Shaker                         | 8) Choke Manifold  |
| A) Bleed line from choke manifold |                    |



**JAMES RANCH UNIT 195H**  
Located 800' FSL, 330' FEL  
Section 36, Township 22 South, Range 30 East  
N.M.P.M., Eddy County, New Mexico.



**HALFF**

HALFF ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1201 NORTH BOWSER ROAD  
RICHARDSON, TEXAS - 75081-2275  
PHONE: (214) 348-6200  
FAX (214) 739-0095

AVO. 29714-W011

Survey Date: 12-11-2013

NOT TO SCALE

Date: 01/10/2014



**BOPCO, L.P.**

Sheet 7 of 7 Sheets

4/7/2014 4:01:55 PM 32705 HALFF 122906032714W011-0RU 195HICADD Sheets VEXH-29714-W011-Sheet7.DGN

# HALLIBURTON

Permian Basin, Hobbs

Lab Results- Primary

## Job Information

Request/Slurry	2127141	Rig Name	LATSHAW DRILLING #4	Date	22/APR/2014
Submitted By	Stephanie Ruiz	Job Type	Production Liner	Bulk Plant	Hobbs, NM
Customer	BOPCO, LP	Location	Eddy	Well	JRU#190H

## Well Information

Casing/Liner Size	4.5 in	Depth MD	18300 ft	BHST	162°F
Hole Size	6.125 in	Depth TVD	10930 ft	BHCT	162°F

## Cement Information - Primary Design

Cone	UOM	Cement/Additive	Cement Properties		
100	% BWOC	Hobbs - VersaCem - H	Slurry Density	14.5	lbm/gal
0.5	% BWOC	LAP-1 (Powdered Latex)	Slurry Yield	1.23	ft <sup>3</sup> /sack
0.3	% BWOC	CFR-3 (PB)	Water Requirement	5.49	gal/sack
0.5	lb/sk	D-Air 5000			
0.125	lb/sk	Pol-E-Flake			
0.1	% BWOC	FWCA			
0.25	% BWOC	HR-601			

## Pilot Test Results Request ID: 2127141

### Thickening Time ON-OFF-ON

Temp (°F)	Pressure (psi)	Reached in (min)	70 Bc (hh:mm)
160	6000	40	5:26

### API Rheology - 2124814

Temp (°F)	300	200	100	6	3
70	155	112	63	14	11

### API Rheology - 2124814

Temp (°F)	300	200	100	6	3
141	81	62	40	13	11

### API Fluid Loss - 2124814

Test Temp (°F)	Test Pressure (psi)	Test Time (min)	ISO FL (cc/30 min)
141	1000	30	162

### Free Fluid API 10B-2//ISO 10426-2

Con. Temp (°F)	Static time (min)	% Fluid
141	120	0

### UCA Comp. Strength - 2077742/3

End Temp (°F)	Pressure (psi)	500 psi (hh:mm)	24 hr CS (psi)
165	3000	20:09	952

These are draft results and have not been approved for final use.

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