

Submit 3 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-11689
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, TX 77253		7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
4. Well Location Unit Letter <u>E</u> : <u>1850</u> feet from the <u>North</u> line and <u>1190</u> feet from the <u>West</u> line Section <u>36</u> Township <u>28N</u> Range <u>12W</u> NMPM <u>San Juan</u> County		8. Well Number 245
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 000778
		10. Pool name or Wildcat Basin Mancos

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).
SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America production Company requests permission to complete into the Basin Mancos & downhole commingle production with the existing Basin Dakota.

The DK (71599) & the Mancos (97232) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/06/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for DHC of production in wellbores within the GCU without notice to the unit interest owners. Therefore, no additional notification is required prior to DHC approval.

Production is proposed to be allocated based on the subtraction method using the DK projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Mancos.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production. BLM notified of DHC via form 3160-5 for lease NMSF 078903

Please see attached DHC procedure, wellbore schematics & C-102 plats.

Spud Date: 04/07/1966 Rig Release Date:

RCVD DEC 7 '10
OIL CONS. DIV.
DIST. 3

Rebort cmt To P Before Peking DHC 3523AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 12/06/2010

Type or print name Cherry Hlava E-mail address: hlavac1@bp.com PHONE: 281-366-4081
For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 1-11-11
Conditions of Approval (if any): [Signature]

GCU 245 - RECOMPLETION 30-045-11689
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Downhole Commingling Permit

Proposed procedure (12/2/2010)

Pull tubing

Set CIBP at 6200' above Dakota

Run CHHL & CBL

Cement squeeze casing as necessary

Perforate Gallup formation approximately 5620' to 5770'

Fracture stimulate Gallup formation

Flow back & clean up Gallup formation

Drill out CIBP

Run 2-3/8" tubing to 6300'

Run rod string and install pumping unit

Produce Dakota & Gallup formations up casing
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**Gallegos Canyon Unit 245**

Dakota
API # 30-045-11689
T-28N, R-12-W, Sec. 36
San Juan County, New Mexico

History

Spud Date: 4/7/66

Completion Date: 5/8/66

Formation Tops

PC	1760
Lewis Shale	1940
Mesaverde	3345
Mancos	4480
Gallup	5363
Base Gallup	5940
Greenhorn	6163
Graneros Shale	6223
Graneros Dakota	6260
Main Dakota	6327

Dakota Perforations

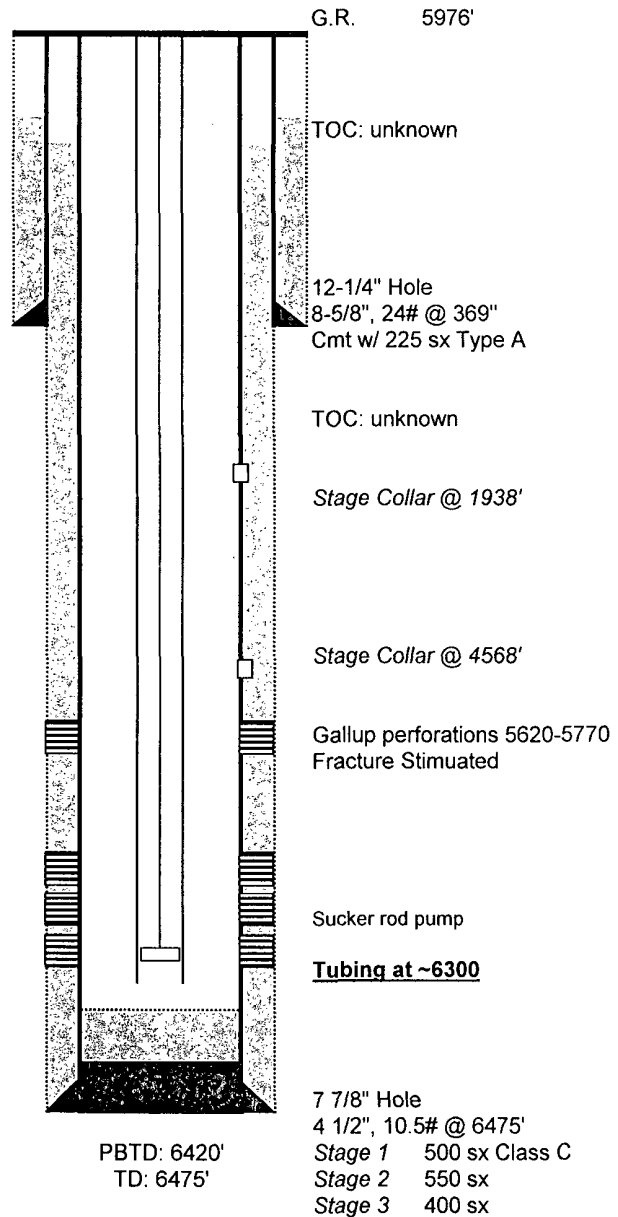
6264-6269'

6283-6288'

Fraced w/ 20,000# 20/40, 10,000# 10/20 snd
& 32,760 gals treated water

6334-6354'

Fraced w/ 30,000# 20/40, 10,000# 10/20 snd
& 36,288 gals treated water

PROPOSED



Gallegos Canyon Unit 245

Dakota
API # 30-045-11689
T-28N, R-12-W, Sec. 36
San Juan County, New Mexico

History

Spud Date: 4/7/66

Completion Date: 5/8/66

6/5/2008: Wirelined. Tagged fluid at 5100'. Retrieved
plunger stop at 6165'. Tagged fill at 6230' ('mud')
Broached to nipple at 6190' with no tight spots. Left stop out.

Formation Tops

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Lewis Shale	1940
Mesaverde	3345
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Dakota Perforations

6264-6269'

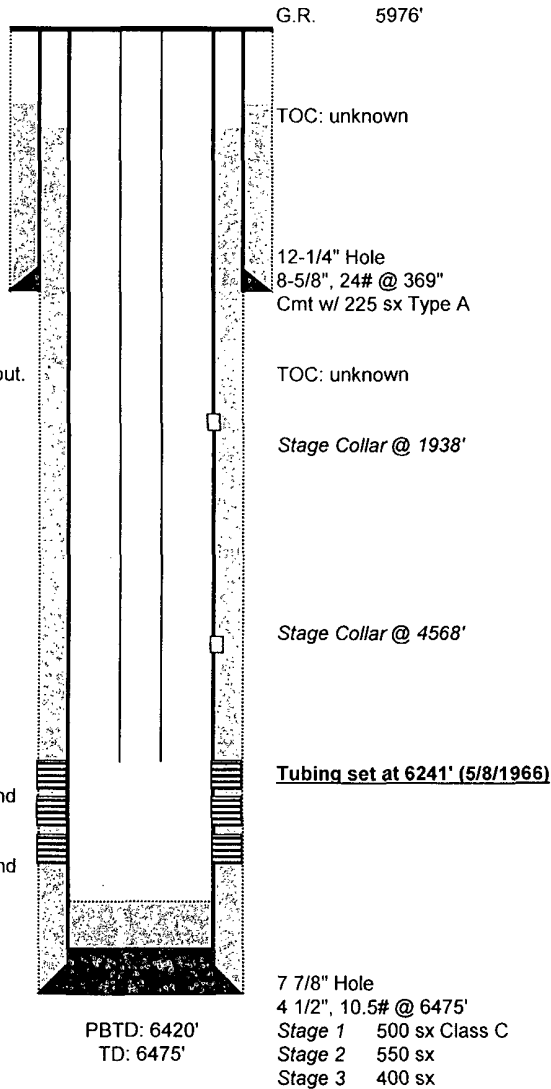
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Current



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1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-11689	² Pool Code 97232	³ Pool Name Basin Mancos
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 245
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5896' GL

¹⁰ Surface Location

UL or lot no. Unit E	Section 36	Township 28N	Range 12W	Lot Idn	Feet from the 1850'	North/South line North	Feet from the 1190'	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320 Ac.	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<div>1850'</div>				<div>1190'</div>			

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Cherry Hlava

Signature

Cherry Hlava

Printed Name

Regulatory Analyst

Title

12/06/2010

Date

¹⁸ 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.

3/7/1966

Date of Survey

Signature and Seal of Professional Surveyor:

James P. Leese

1463

Certificate Number

N/2

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distance must be from the outer boundaries of the Section

30-045-11689

Operator PAN AMERICAN PETROLEUM CORPORATION		Lease GALLEGOS CANYON UNIT (DAKOTA)		Well No. 245
Unit Letter E	Section 36	Township 28 NORTH	Range 12 WEST	County SAN JUAN
Actual Footage Location of Well: 1850 feet from the NORTH line and 1120 feet from the WEST line				
Ground Level Elev. REPORT LATER	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

(X) Yes () No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

G. W. Eaton, Jr.

Position

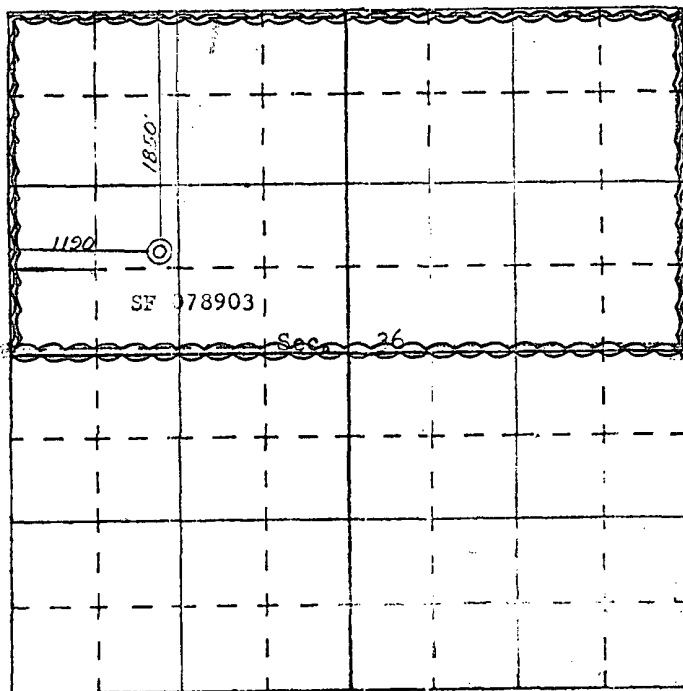
Area Engineer

Company

PAN AMERICAN PETROLEUM CORP.

Date

March 7, 1966



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY,

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 knowledge and belief.

Date Surveyed

Registered Professional Engineer

and/or Land Surveyor

James F. Leese

1463

Certificate No.

