

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 87240
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

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

FEB 19 2009

Form C-103
May 27, 2004

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)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-015-00677
2. Name of Operator BP America Production Company	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P.O. Box 1089 Eunice NM 88231	6. State Oil & Gas Lease No. B-752
4. Well Location Unit Letter <u>P</u> : <u>330</u> feet from the <u>S</u> line and <u>990</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM County <u>Eddy</u>	7. Lease Name or Unit Agreement Name: Empire Abo Unit "H"
	8. Well Number 20
	9. OGRID Number 00778
	10. Pool name or Wildcat Empire Abo
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3662' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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 checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

Notify OCD 24 hrs. prior To any work done.

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- MIRU PU. Check casing and surface pipe for pressure - bleed off into containment. Test 4 1/2" csg to 500 psi. Bleed off pressure. Monitor well & assure it's stable. ND WH, NU BOP. Test BOP to 500 psi.
- TIH w/ 2 3/8" work string open-ended to CIBP @ 5457'. Spot 25 sx Class C neat cement on top of CIBP from 5457' to 5100'. PU to 5050'. Circulate hole with mud-laden fluid (9 ppg, 1250 lb gel/100 bbl water minimums). TOH.
- RU WL. Perforate 4 1/2" csg at 3350' (Glorieta top = 3357'). RD WL.

Continued on page 2.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Barry C. Price TITLE Area Operations Team Lead DATE 2/18/09

Type or print name Barry C. Price E-mail address: barry.price@bp.com
Approval Granted providing with Telephone No. 575-394-1648
is complete by 5/29/09

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE 2/20/09
Conditions of Approval, if any:

Form C-103
Empire Abo Unit H-20
30-015-00677
Continued from Page 1

4. TIH with packer on WS and set at 2800'. Establish pump in rate through perfs at 3500'. Cement perfs at 3500' with 100 sx Class C neat. Displace cement to 3050' (20 sx inside casing). WOC minimum of 2 hours. Release packer. Tag plug. TOH.
5. RU WL. Perforate 4 1/2" casing at 1150' (Queen top = 1127', surface casing shoe = 1006', Yates top = 300'). RD WL.
6. Monitor well. Remove BOP, install adapter flange. Establish circulation through perfs at 1200'.
7. Cement 4 1/2" casing from surface to 1150' and 4 1/2" x 8 5/8" annulus from 1150' to surface using 330 sx Class C neat (estimated, pump until good cement returns).
8. RD PU and clean location.
9. Dig out WH and cut-off casingheads to 3' below GL.
10. Install regulation dry-hole marker. Clean location and prepare location for NMOCD inspection.

Empire Abo Unit H-20
Empire Abo Field

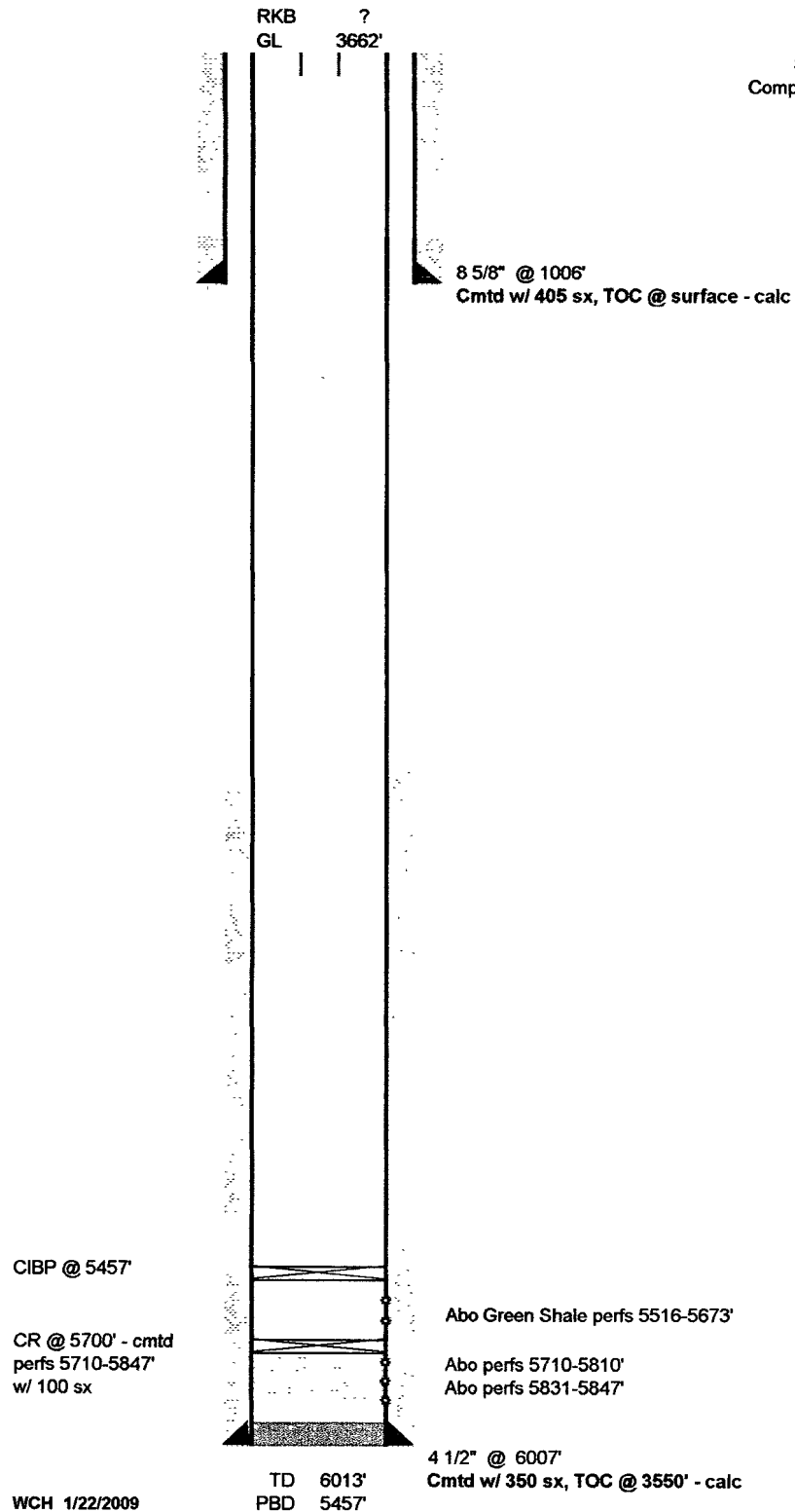
API No. 30-015-00677

330' FSL & 990' FEL
Sec 36 - T17S - R27E
Eddy County, New Mexico

Status 1-22-2009

Event
Date

Spud 3/21/60
Completed 5/17/60



Empire Abo Unit H-20
Empire Abo Field

API No. 30-015-00677

330' FSL & 990' FEL
Sec 36 - T17S - R27E
Eddy County, New Mexico

Proposed P & A

Event
Date

Spud 3/21/60
Completed 5/17/60

Queen, Surface Shoe,
Yates, Surface Plug
Perf 4 1/2" csg @
1150',
surface - 1150'
inside 4 1/2" &
in 4 1/2" x 8 5/8" ann
330 sx

RKB ?
GL 3662'

8 5/8" @ 1006'
Cmtd w/ 405 sx, TOC @ surface - calc

Glorieta Plug
Perf 4 1/2" csg @ 3350',
3050' - 3350'
100 sx (leave 20 sx
inside 4 1/2")

Abo (prod zone) Plug
5100' - 5457' (spot on
top of CIBP @ 5457')
25 sx

CIBP @ 5457'

CR @ 5700' - cmtd
perfs 5710-5847'
w/ 100 sx

Abo Green Shale perfs 5516-5673'

Abo perfs 5710-5810'
Abo perfs 5831-5847'

4 1/2" @ 6007'
Cmtd w/ 350 sx, TOC @ 3550' - calc

WCH 1/22/2009

TD 6013'
PBD 5457'