Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED |
|----------------------------|
| OMB NO.1004-0137 |
| Expires: November 30, 2000 |

| | WE | LL COM | 1PLETIO | N OR F | RECOM | PLETI | ON F | REPORT | ΓΑΝ | ND LOG | ; | | | 5. | Lease Serial | | 70044 | |
|-----------------------------|------------------------|----------------|--------------------|--------------|----------------|--------------|-------------------------|---------------|-----------------------|----------------|------------|--------------------|-------------|-----------------|----------------|--------------|----------------------------|-------------|
| la. Type of Web. Type of Co | - | Oil Well | X Gas | | Dr ork Over | | Other | | Pho | g Back | | Diff. | Resv() [] | 6. | | | 78046 r Tribe Name | |
| o. Type of ea | ompietion. | Oth | | ··· | ==== | | cpen | | 1 110 | g Dack | | Daily. | Jg**ve | 7.5 | Unit of CA | Agreem | ent Name and No |), |
| 2. Name of Op | perator | DD 4 | | | | | | | | | | | 1 | FE (| it IVE 6 | | . U | |
| | | BP Am | erica Pro | ductio | n Com | | | | | | | (|)70 F | 8. | Lease Name | and We | ell No. | |
| 3. Address | Dov 200 | 12 | Uaustan | TV 7 | 7757 | 3a. 1 | Phone 1 | No. (include | | | \1 | | | _ | Merot | lugne | es B / | |
| 4. / Location o | D. Box 309 | | Houston. | | | | | | <u>81-</u> | <u>366-449</u> | | _ | | 9. | API Well No | | -07780 L Z | , |
| At surface | | iocanon cie | ariy ana in a | | | il & 85 | | / | | | | | | 10. | Field and Po | | | <u> </u> |
| 711 341 1400 | | | | • | .,, | | * '/ | 7 | | | | | | | | | Chacra | |
| At top pro | d. Interval repo | orted below | | | | | ι | \mathcal{O} | | | | | | 11. | Sec., T., R., | M., on | Block & Survey 9N, R08W | or Area |
| At total de | epth . | | | | | | | | | | | | | 12. | County or P | arish | 13. Sta NewN | |
| 14. Date S | pudded / | 25-5 | 15. D | ate T.D. R | eached | | _1 | _ | | mpleted | | | | 17. | Elevations (| DF, RK | B, RT, GL)* | |
| (| 09/08/1969 | 5 | 3 | 00 | 45/196 | 5 | | ں لیا | & A | N A | Ready 9/20 | | | | | 642 | 24' | |
| 18. Total I | | | 5384' | 19. | | ck T.D.: | MI |) | 530 | 61' | $ \tau$ | 0. | Depth Bri | idge P | lug Set: N | MD | | |
| | TV | | | | | | TV | | | _ | | | | | • | rvd | | |
| 21. Type F | Electric & Othe | r Mechanic | al Logs Run | Submit co | py of each | 1) | | | | 22. | Was | well | cored? | 口 | No 🛄 | | ubmit analysis) | |
| | CB | 1 | | Ø, | | | | | | | | | f run? | Ч, | No L | Yes (S | ubmit report) | |
| - Carin | | | | | : | | | | | 1_ | Dire | ction | al Survey? | | X No | | Yes (Submit r | eport) |
| 23. Casin | g and Liner | Record (R | eport all sti | rings set | in weii) | | | | Τ, | | | $\overline{}$ | 61 11 | . т | | $\neg \tau$ | | |
| Hole Size | Size/Grade | eWt. (#/ft) | | Bottom (MD) | | Stag | Stage Cementer Depth | | No. of Sks. of Cen | | e | Slurry Vo (BBL) |)t. | Cement Top* | | Amount Pulle | đ | |
| 13 3/4" | 9 5/8" | | .4# | 0' | | 73' | Берш | | 寸 | 125 S | | T | 1.46 | | 0' | | 20 20 218 2 | |
| 8 3/4" | 7'' | 20 & | 23# | 0' | 4. | 4522' | | | | 227 SX | | | 2.61 | | 1800' | A P | E 62 20 218 1 | <u> </u> |
| 6 1/4" | 4" 4 1/2" 10.5# | | .5# | 0' | | 384' | 84' | | | 170 SXS | | | 1.46 | | 3725% | £.77 | | Z/ |
| | | | | | | | | | | | | | | \Box | T. | 2 | OCT 2004 | 5 |
| | <u> </u> | | | | | | | | _ | | | _ | | _ | 12 | <u>.</u> | BEOFINE | , |
| | L | | | | | | | | | | | ᆚ | | | | | L CONS. E | m (|
| 24. Tubing | Record. | set (MD) | Do alvan Da | -4 (MD) | | Simo | D | 4 C+ (MD | <u> </u> | Packer D | andh (N | (D) | Siz | | Depth | | DIST B | |
| 2 3/8" | | 04' | Packer De | pui (MD) | + | Size | Бер | th Set (MD | ~ | racket D | epui (iv | 10) | + | <u> </u> | Depuise | | - FBCROLESC | <u>()</u> |
| | cing Intervals | | | | | | 26. | Perforation | n Rec | ord | | | <u> </u> | | | V. | 2/ | 200 |
| | Formation | | Тор | | Bot | tom | | Perforate | | | | | Size | \perp | No. Holes | 72 | (() 計學 | , Live |
| <u>A)</u> | Chacra | | 3905 | 5' | 412 | 21' | | 3905' | <u>- 41</u> | 21' | ┷ | 0 | .000 | ╀ | 60 | | Open | |
| B) | | | | | | | | | | · | | | | +- | | — | | |
| <u>C)</u> . | | | | | | | | | | | ┼ | | | ┿ | | +- | | |
| D) 27. Acid, i | Encature Touch | | Courses 1 | | | | | - | | | Ц | | | | | _ـــــ | | |
| | Fracture, Treat | ment, Cenk | ont Squeeze, i | cic. | - | ~ | | | Δ. | ount and T | vne of | Mate | erial | _ | | | | |
| | 05' - 4121 | • | | | | 296 | .386 | # 16/30 | | | | | | Foar | n, & N2 | | | |
| | - | | | | | | , | | | | 0 | | ·×- | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 28. Produ | iction - Inter | val A Hours | Test | JOil | | | IWa | | trace. | ravity | | Gas | | | | | | |
| Produced | Date | Tested | Production | | | Gas MCF | ВВ | | • | . API | | Grav | ity | - 1 | Production Met | nod | | |
| 09/15/05 | 09/21/05 | 12 | | → 1 | race | 63 MC | F | Trace | | | | | | | | Fŀ | owing | |
| Choke Size | Ibg. Press Flwg. Si | Csg. Pre | 24 hr. ss. Rate | Oil BBL | | Gas MCF | | iter | Gas Ratio | : Oil | 1 | Well | Status | | ACCE | TED | FOR RECC | AU |
| 1/4" | | | | → "" | ' | I. | l BE | | 1 | - | 1 | | | | D. Ale | A.M | e ome | |
| | 0 action - Inter |] 50# | | | | <u></u> | 1_ | | <u></u> | | 1 | | | | Pr O | 44118 | | |
| Date first | Test | Hours | Test | Oil | | Gas | | iter | 4 | Sravity | | Gas | | | PreductionMet | IACEPE | FIEID OFFI | CE |
| Produced | Date | Tested | Production | n BBL | | MCF | BE | ıL | Corr | . API | ľ | Grav | rity | | BY | 91018 A | M | |
| Choke | Tbg. Press | | 24 hr. | Oil | | Gas | - W/2 | iter | Gae | : Oil | | 141-1 | Status | | P1 | | 1 | |
| Size | Flwg. SI | Csg. Pre | | BBL | | MCF | BE | | Ratio | | ľ | vveil | Status | | | | - | |
| | <u></u> | | | → | | <u></u> | | | 1 | | _ 1 | _ | | | | DIRE | <u>: രമന</u> | |
| (See instruction | ons and spaces | for additio | nal data on r | everse sia | e) | | | | | | | | | | | MIA | IOCD - | |

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| 4 | # 6 |

| | uction - Inter | | | | | | | | | |
|---|--|------------------|-----------------|------------|-----------------|--------------------------------------|--------------------------|--|---|----------------------------------|
| Date first Produced | Test Date | Hours Tested | Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | |
| -hoke Size | Tbg. Press Flwg. SI | Csg. Press. | 24 hr. Rate | Oil BBL | Gas MCF | Waler BBL | Gas : Oil Ratio | Well Status | <u>.</u> | |
| 8c Produ | uction - Inter | val D | | <u> </u> | | i | | | | |
| Pate first Produced | Test Date | Hours Tested | Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | |
| hoke ize | Tbg. Press Flwg. SI | Csg. Press. | 24 hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | |
| | sition of Gas (. | sold, used for j | fuel, vented, e | tc.) | | | | | | |
| Show | nary of Porous all important z ling depth inter | ones of porosi | ty and content | | | nd all drill-sten ut-in pressures | | 31. Formatio | on (Log) Markers | |
| Form | nation | Тор | 1 | Des | criptions, Cont | ents, etc. | Ki Pid | Ojo Alamo Kirtland Kirkland Sand Pictured Cliffs Lewis Shale | | |
| | | | | | | | | | Chacra Cliffhouse Menefee oint Lookout | 3100' 4590' 4710' 5165' |
| | and and a second | | | | | | | | | |
| A PART S | | | | | f Complet | ion Activi | ty. Prductio | n is downhole c | ommingled with the | e Blanco |
| 1. EI | e enclosed attac lectrical/Mecha undry Notice fo | anical Logs (1 | | ication | 2. | | DST Report Other: | 4. Directional Survey | | |
| | | | and attached i | | · | correct as dete | | ilable records (see attac | | |
| Name (please print) Mary Corley Signature | | | | | | Tit | ate | Sr. Regulatory Spe 10/18/2005 | cialist | |
| - | | | | | | | | | | |

or fraudulent statements or representations as to any matter within its jurisdiction.

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Hughes B 7 API No. 30-045-07780 Recompletion & Downhole Commingling Subsequent Report 10/18/2005

08/30/2005 MIRUSU. Blow down well. NDWH. NU BOPs. TOOH w/TBG set @ 5210'. Tagged @ 5348'.

TIH w/CSG scraper to PBTD. Blow down well. TIH w/CIBP & set @ 4500'. Load hole w/2% KCL. Tested csg to 500# - ok. RU & ran CBL & RST logs. Tested csg to 1100 psi – held OK.

RU & perforate Chacra formation w/4 JSPF as follows: 3905', 3922', 3931', 3937', 3950', 3967', 3974', 4034', 4040', 4047', 4056', 4062', 4084', 4095', 4121'. RU & Frac w/296,386# sand, 70 Quality Foam & N2.

RU & flow back well thru $\frac{1}{4}$ " choke for 18 hrs. Upsized to $\frac{1}{2}$ " choke & flowed back for 76 hrs.

TIH & tagged sand @ 4300'. C/O to 4393'. Circ clean. PU above perfs & flowed back well thru ½" choke for 48 hrs.

RU & flow tested well for 12 hrs. thru ¼" choke. 63 MCF Gas, Trace Oil, Trace Gas. CP 50#.

TIH, tagged CIBP @ 4500' & DO. C/O to PBTD @ 5361'.

09/26/2005 – TIH w/2 3/8" TBG & land @ 5204'. ND BOP. NUWH. Pulled TBG plugs. RDSU. Move off location @ 1400 hours.