AP-94 Marbob Scratch State Corn No 1, Lea County

"drilling fluid leak through rupture of plastic liner" 12 mil plastic liner under Rule 50

one form says GW > 100 feet (C-144 dated Dec 13, 2004), another form says GW < 50 ft (C-144 dated September 21, 2007)

April 2005 - well spudded

August 2007 - form C-141 submitted "compromised pit" encountered wet soils and water at 40 ft bgs; "most of pit material has been removed"

August 2007 - soil investigation

Sept 2007 - monitoring well 1 east side of pit

Oct 2007 - monitoring well 2 (north side of pit) and 3 (south side of pit) developed August 2008 - Stage 1 Abatement Plan requested - agency claims Marbob should have submitted a second C-141 back in October 2007 when they determined groundwater impacts occurred

Monitoring well - first sampling event MW1 - 396 mg/l Cl MW2 - 45,590 mg/l Cl

second sampling event MW1 - 708 mg/l Cl MW2 - no data MW3 - 472 mg/l Cl (purged 1/2 gallon)

october sampling event MW1 - 2260 mg/l Cl MW2 - 42,800 mg/l Cl MW3 - 400 mg/l Cl

Jan sampling event MW1 - 35,200 mg/l Cl MW2 - 44,400 mg/l Cl

# **AP - 094**

## GENERAL CORRESPONDENCE

## 2008 - 2007

New Mexico Energy, Minerals and Natural Resourt

The second second

Bill Richardson

Joanna Prukop Cabinet Sccretary Recse Fullerton Deputy Cabinet Secretary Mark Fesmire Division Director Oil Conservation Division



APO94

AUGUST 18, 2008

Mr. Rand French Marbob Energy Corporation P.O. Box 227 Artesia, NM 88211

#### RE: REQUIREMENT TO SUBMIT ABATEMENT PLAN MARBOB ENERGY - SCRATCH STATE DRILLING PIT SECTION 24, TOWNSHIP 18 SOUTH, RANGE 33 EAST LEA COUNTY, NEW MEXICO OCD CASE NO. AP094

Dear Mr. French:

The Oil Conservation Division (OCD) has determined that Marbob Energy (Marbob) must submit a Stage 1 Abatement Plan in accordance with OCD Rule 19 (19.15.1.19 NMAC) to investigate ground water contamination at its Scratch State drilling pit, located in Section 24, Township 18 South, Range 33 East, Lea County, New Mexico. The Stage 1 Abatement Plan proposal must be submitted to the OCD Santa Fe Office with a copy provided to the OCD Hobbs District Office and must meet all of the requirements specified in OCD Rule 19 (19.15.1.19 NMAC), including, but not limited to, the public notice and participation requirements specified in Rule 19G. The Stage 1 Abatement Plan is due sixty (60) days from the receipt by Marbob of this written notice.

Marbob's Stage 1 Abatement Plan must specifically meet all of the requirements specified in OCD Rule 19E.3, including, but not limited to, a site investigation work plan and monitoring program that will enable it to characterize the release using an appropriate number of isoconcentration maps and cross sections and to provide the data necessary to select and design an effective abatement option. Marbob may, if it chooses, concurrently submit a Stage 2 Abatement Plan that addresses appropriate proactive abatement options.

Marbob submitted timely verbal and written notification to OCD when it discovered potential ground water contamination on August 24, 2007. Marbob indicated that it did not know the extent of the impacts at the time that it submitted its C-141. In September 2007 Marbob

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505 \* Phone: (505) 476-3440 \* Fax (505) 476-3462\* <u>http://www.emnrd.state.nm.us</u> conducted additional soil and ground water investigation. Laboratory analysis conducted in early October 2007 confirmed that Marbob had contaminated ground water. However, Marbob did not inform OCD that it had confirmed a ground water release; rather it continued to sample ground water several times. On July 11, 2008, Glenn von Gonten of my staff contacted Cliff Brunson and asked about the status of this case. Mr. Brunson indicated that he would send OCD the analytical data; however, it was only after three more reminders from OCD that the analytical data was finally submitted. The appropriate approach for Marbob was to have submitted a second C-141 in October 2007 when it confirmed that ground water had indeed been contaminated. This is the last time that OCD will choose not to take enforcement action for Marbob's failure to comply with Rule 116 and to promptly submit confirmatory analytical data to OCD in a timely manner.

Marbob should submit one paper copy with and an electronic copy on CD of all future workplans and/or reports. Please refer to *OCD Case No. AP094* on all future correspondence. If you have any questions, please contact Glenn von Gonten of my staff at (505) 476-3488.

Sincerely,

Mr. Rand French August 18, 2008

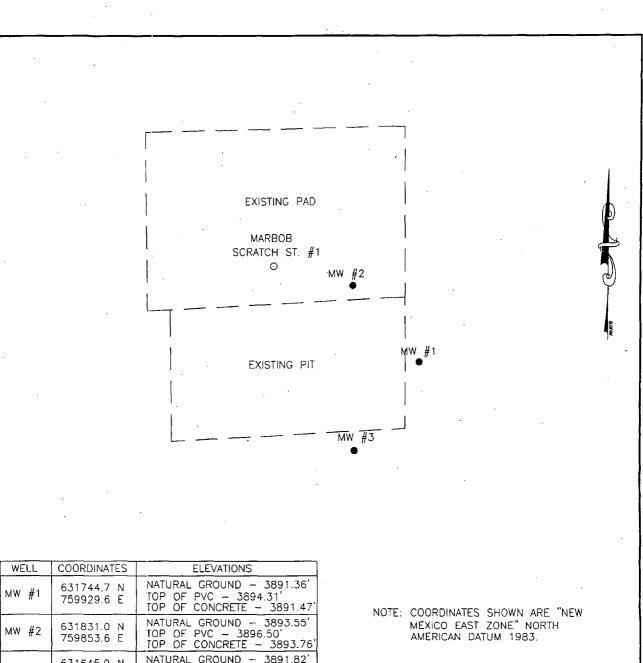
Page 2

Wayne Price Environmental Bureau Chief

WP/gvg

cc: Chris Williams Larry Johnson

|  |  |   | 1.4   |   |   |  |
|--|--|---|---|---|---|--|
| <u>District I</u><br>625 N. French Dr., Hobbs, NI<br><u>District II</u><br>301 W. Grand Avenue, Artesi   |  |   | te of New Mexic<br>erals and Natural  |   | •   | Form C-14<br>Revised October, 10, 200  |
| <u>District III</u><br>000 Rio Brazos Road, Aztec.<br><u>District IV</u><br>220 S. St. Francis Dr., Santa F  | NM 87410   | RECE  | nservation Divi<br>South St. Francis<br>nta Fe. NM 8750   |   |   | Submit 2 Copies to appropriate<br>District Office in accordance<br>with Rule 116 on back<br>side of form   |
|  | 208  |   | Hon and Co  |   | tion  |  |
|  | -  |   | OPERAT  |   |   | al Report 🔲 Final Repo   |
| Name of Company $M$<br>Address $P_{C} = \frac{1}{20 \times 10^{-5}}$<br>Facility Name $\frac{1}{20 \times 10^{-5}}$  | 227 Actes  | ia n.m 8821   | Contact C/  | 14 Bins   | en - BBC<br>97 - 6388<br>1 Drilling   | International  |
| Surface Owner State  | EOFAJ  | m Mineral O   | wner State  |   | Lease N   | lo.  |
|  | (  | LOCA  | TION OF REL   | EASE  |   |  |
| Unit Letter Section  | •  |   |   | Feet from the   | East/West Line  | County<br>LEA.   |
|  | /  | Latitude  | Longitude   |   |   |  |
| •  | -  |   | URE OF RELE   |   |   |  |
| Type of Release Pit  | Liner  | <u>IIAI</u>   | Volume of F   | Release UnKn  | Volume F  | Recovered None;  |
| Source of Release Pr<br>Was Immediate Notice Gi  | ven?   | s 🗌 No 🗌 Not Rea  | Date and Ho<br>If YES, To V   | ur of Occurrence<br>Whom?   | <b>?</b> Date and   | Hour of Discovery 3/20/07<br>4130<br>WAYNE Pilce-EMA   |
| By Whom? <b>PAnel Fre</b><br>Was a Watercourse Reach   | ied?   |   | Date and Ho   | our $\frac{8}{20}$ $\frac{0.9}{0.9}$  | - 2:07 p<br>ne Watercourse  | in   |
| It a Watercourse was Impa  |  | es 🗌 No<br>Fully.*  |   | UKno  |   |  |
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NATURAL GROUND - 3891.82' TOP OF PVC - 3894.78' TOP OF CONCRETE - 3892.05' 631645.9 N MW #3 759855.5 E

100 0 100 200 FEET Ħ -Scale:1"=100'

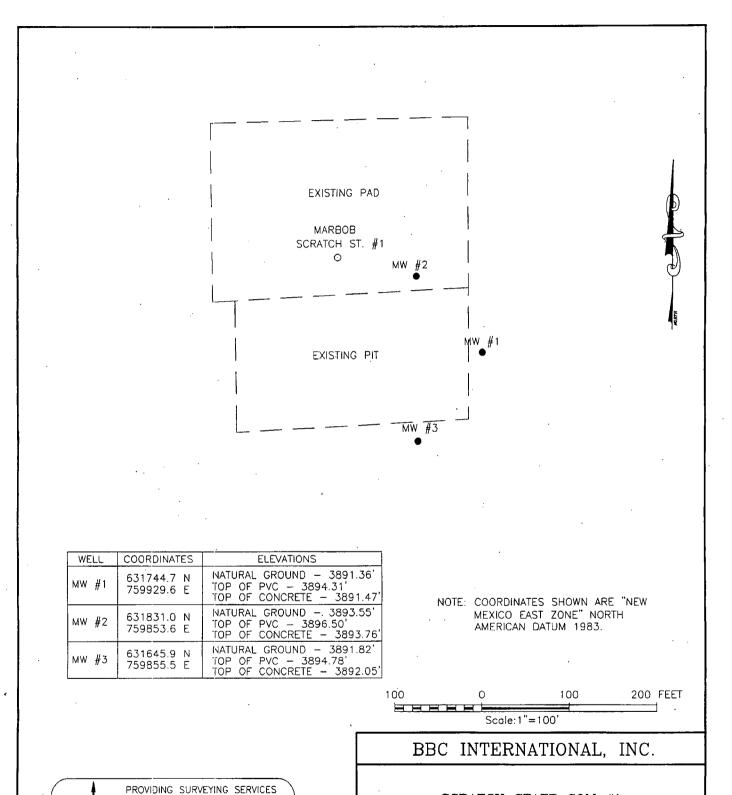
## BBC INTERNATIONAL, INC.

SCRATCH STATE COM #1

SECTION 24,' TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

| Survey Date: 10/22/007    | Sheet 1 of     | 1 Sheets   |
|---------------------------|----------------|------------|
|                           | Drawn By: L.A. |            |
| Date: 10/26/07 DISK: CD#6 | 07111397       | REV:8/7/08 |

PROVIDING SURVEYING SERVICES SINCE 1946 JOHN WEST SURVEYING COMPANY 412 N. DAL PASO HOBBS, N.M. 88240 (505) 393-3117

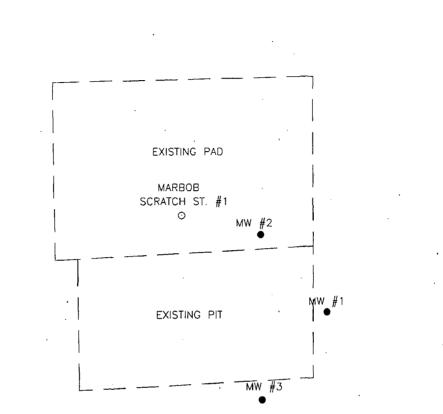


SCRATCH STATE COM #1

SECTION 24, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

| Sheet 1 of     | 1 Sheets       |
|----------------|----------------|
| Drawn By: L.A. |                |
| 07111397       | REV:8/7/08     |
|                | Drawn By: L.A. |

INCE 1946 SINCE 1946 IOHN WEST SURVEWING COMPANY 412 N. DAL PASO HOBBS, N.M. 88240 (505) 393--3117



| WELL  | COORDINATES              | ELEVATIONS   |
|-------|--------------------------|--|
| MW #1 | 631744.7 N<br>759929.6 E | NATURAL GROUND – 3891.36'<br>TOP OF PVC – 3894.31'<br>TOP OF CONCRETE – 3891.47' |
| MW #2 | 631831.0 N<br>759853.6 E | NATURAL GROUND – 3893.55'<br>TOP OF PVC – 3896.50'<br>TOP OF CONCRETE – 3893.76' |
| MW #3 | 631645.9 N<br>759855.5 E | NATURAL GROUND - 3891.82'<br>TOP OF PVC - 3894.78'<br>TOP OF CONCRETE - 3892.05' |

NOTE: COORDINATES SHOWN ARE "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983.

|   | BBC INTE                                       |
|---|--|
| PROVIDING SURVEYING SERVICES<br>SINCE 1946<br>JOHN WEST SURVEYING COMPANY<br>412 N. DAL PASO<br>HOBBS, N.M. 88240<br>(505) 393-3117 | SCRATCE<br>SECTION 24, TOWNSH<br>N.M.P.M., LEA |
|   | Survey Date: 10/22/007                         |

100 0 100 200 FEET Scale:1"=100'

## BBC INTERNATIONAL, INC.

SCRATCH STATE COM #1

ECTION 24, TOWNSHIP 18 SOUTH, RÄNGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

| Survey Date: 10/22/007    | Sheet 1 of     | f 1 Sheets |
|---------------------------|----------------|------------|
| W.O. Number: 07.11.1397   | Drawn By: L.A. |            |
| Date: 10/26/07 DISK: CD#6 | 07111397       | REV:8/7/08 |
|                           |                |            |

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#### Activities Summary – Marbob Scratch State #1

BBC began performing field screens for chloride on soil samples from the pit bottom at Scratch State Com #1 on August 9, 2007. Chloride levels in soil samples in the north half of the pit continued to exceed NMOCD guidelines as the depth for sample collection increased. The north half of the excavation continued to deepen as samples were screened. On August 20, 2007, groundwater was encountered at approximately 40 feet below ground surface in the northeast corner of the excavation. A trench of similar depth was excavated at the northwest corner however no water was encountered at that location.

On September 10, 2007, BBC contracted Eco/Enviro Drilling to place a monitoring well (MW1) near the northeast corner of the excavation. MW1 was located on the east side of the pit near the north corner. Four soil samples were collected during drilling of MW1. At 35 feet bgs chloride content was less than 16 parts per million (ppm or mg/Kg), the 40 foot sample contained 3,919 ppm, the 45 foot sample contained 3,479 ppm, and the 50 foot sample showed 208 ppm. Drilling ceased at 50 feet bgs and the well was set with a 2 inch casing and 15 feet of 0.20 mm screen. The well was not yet vaulted, and BBC developed MW1 in the afternoon of the same day. 12.77 feet of water (2.08 gallons) existed in the well and 6.24 gallons were purged.

On September 11, 2007, BBC sampled the groundwater for chloride at MW1. The sample contained 396 ppm ( $m_{g}/L$ ).

Eco/Enviro Drilling returned on September 27-28, 2007 to install the second and third monitoring wells (MW2 and MW3). MW2 was placed on the north side of the excavation and toward the east corner. Five soil samples were collected during drilling of MW2. At 35 feet bgs chloride content was 9,800 ppm, the 40 foot sample contained 5,040 ppm, the 45 foot sample contained 3,240 ppm, the 50 foot sample showed 5,040 ppm, and the 55 foot sample contained 528 ppm. Drilling ceased at 55 feet bgs and the well was set with a 2 inch casing and 15 feet of 0.20 mm screen. The well was not yet vaulted. MW3 was placed on the south side of the excavation directly south of MW2. Five soil samples were collected during drilling of MW3. At 35 feet bgs chloride content was 48 ppm, the 40 foot sample contained 64 ppm, the 45 foot sample contained 192 ppm, the 50 foot sample showed 176 ppm, and the 55 foot sample contained 64 ppm. Drilling ceased at 55 feet of 0.20 mm screen. The well was set with a 2 inch casing and 15 feet of 0.20 mm screen for the excavation directly south of MW2. Five soil samples were collected during drilling of MW3. At 35 feet bgs chloride content was 48 ppm, the 40 foot sample contained 64 ppm, the 45 foot sample contained 192 ppm, the 50 foot sample showed 176 ppm, and the 55 foot sample contained 64 ppm. Drilling ceased at 55 feet bgs and the well was set with a 2 inch casing and 15 feet of 0.20 mm screen. The well was not yet vaulted. BBC developed MW2 on the afternoon of September 28, 2007. 14.05 feet of water (2.29 gallons) existed in the well and 6.87 gallons were purged. Since MW3 was not yet recharging, it was decided to postpone development of MW3 until October 1, 2007.

On October 1, 2007, BBC sampled the groundwater for chloride at MW2. The sample contained 45,590 ppm. BBC also developed MW3 the same afternoon. Gauging data indicated that 4.97 feet of water existed in MW3 (0.81 gallons). BBC purged 1 gallon of groundwater before the groundwater pump clogged with sediment. Two hours later, BBC returned using a bailer to purge another 1.5 gallons of water and sediment from MW3. MW3 was emptied.

BBC returned to collect groundwater samples for chloride on October 2, 2007 from both MW1 and MW3 for the purpose of having near simultaneous groundwater data for all three monitoring wells. The groundwater sample from MW1 contained 708 ppm. The sample from MW3 contained 472 ppm. During sampling activities it was noted that MW3 contained only 2.94 feet of water in the water column. Only 0.5 gallons and more sediment were purged.

On October 3, 2007, BBC purged MW2 and MW3. MW2 would be purged as often as possible due to the results of the laboratory data from the first samples collected. 14.17 feet of water (2.31 gallons) existed in the water column and 11 gallons were purged. MW3 would be purged in an attempt to encourage recharge of the well. 1.32 feet of water (0.22 gallons) existed in the water column and 0.25 gallons were purged.

All three monitoring wells were vaulted on October 19, 2007. On this afternoon, all wells  $^{\prime}$  were gauged and 11 gallons were purged from MW2.

On October 22, 2007, the site was surveyed by John West Surveying Company. The survey included monitoring well elevations. Also on this date, BBC again purged MW2 and MW3. In MW2, 13.84 feet of water (2.26 gallons) existed in the water column and 10 gallons were purged. In MW3, 1.59 feet of water (0.26 gallons) existed in the water column and 0.25 gallons were purged.

BBC collected groundwater samples from all three monitoring wells on October 23, 2007. The sample from MW1 contained 2,260 ppm chloride, the sample from MW2 contained 42,800 ppm, and the sample from MW3 contained 400 ppm.

During the month of November, MW2 continued to be purged. The water level in MW3 remained at less than 0.5 feet in the water column.

On December 4, 2007, BBC purged all monitor wells, however from this date on only sampled groundwater from MW1 and MW2. MW3 was not sampled again due to failure of the well to recharge after purging. The sample from MW1 showed 512 ppm chloride and MW2 contained 42,400 ppm.

BBC continued to purge MW2 through January of 2008. On January 24, 2008, BBC collected groundwater samples from MW1 and MW2. The sample from MW1 contained 35,200 ppm chloride and the sample from MW2 showed 44,400 ppm. From this date forward, both MW1 and MW2 were purged as often as possible.

On April 14, 2008, BBC collected groundwater samples from MW1 and MW2. The sample from MW1 contained 14,600 ppm chloride and the sample from MW2 contained 48,800 ppm.

BBC also received permission from Marbob Energy to order a ground water pumping unit to install at MW2 in order for the well to be purged continuously. BBC has received the pumping unit for MW2 installation and will soon complete the installation. BBC continues to purge MW1 and MW2 and has regularly noted a slight decrease in the amount of water in the column of both monitoring wells.



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 09/12/07 Reporting Date: 09/14/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 09/13/07 Sampling Date: 09/10/07 Sample Type: SOIL Sample Condition: COOL& INTACT Sample Received By: NF Analyzed By: HM

|                                       |  | CI      |
|---------------------------------------|--|---------|
| LAB NUMBER                            | SAMPLE ID                              | (mg/Kg) |
| H13282-1                              | MW1 @ 35'                              | < 16    |
| H13282-2                              | MW1 @ 40'                              | 3919    |
| H13282-3                              | MW1 @ 45'                              | 3479    |
| H13282-4                              | MW1 @ 50'                              | 208     |
|                                       |  |         |
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| <u></u>                               | ······································ |         |
|                                       |  |         |
| · · ·                                 | · · · · · · · · · · · · · · · · · · ·  |         |
| ·····                                 |  |         |
| Quality Control                       |  | 500     |
| True Value QC                         |  | 500     |
| % Recovery                            |  | 100     |
| Relative Percen                       | t Difference                           | < 0.1   |

METHOD: Standard Methods 4500-CIB Note: Analysies performed on 1:4 w:v aqueous extracts.

an

Date

H13282 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

|  | ,   |  | CHAIN                      | 1-0F                                   | -CÚST  | ODY A              | ND AN  | ALY:                           | SIS RE   | QUEST  | <b>~~</b>                   |
|--|---|--|----------------------------|--|--|--------------------|--|--------------------------------|--|--|-----------------------------|
| ARDINAL LABORATORIES, INC,<br>2111 Beechwood, Abilene, TX 79603 101 E<br>(915) 673-7001 Fax (915) 673-7020 (405)                       | aat Marland   | Hobbe, NM 88240  |                            | :                                      |  |                    |  | Pa                             |  | , <b> </b> .   |                             |
| Company Name Right in all  |   | BILLI  | Ø                          | 1                                      |  | AN                 | ALYSIS   | and the second second          |  |  |                             |
| Project Manager Cliff Brunson  | and the second se | P.O. #   |                            | il-murg                                |  | 1-1-1-             |  |                                | <u> </u>                                       |  | T                           |
| Address: 1324 W. Marland   |   | Company:   | <u>,</u>                   | 1 •                                    | {  |                    |  |                                |  |  |                             |
| City: Hobbs State: NM ZID: 8   |   | Atta:  | V.                         | 1                                      |  |                    |  |                                |  |  |                             |
| Phone # 505-397-6388 Fax # 505-397-  | - 0397  | Address HIH  | - <del>Lana</del> -        | 1 1                                    |  |                    |  |                                | •   •  |  |                             |
| Project #: Project Owner: Nigy   |   | City:  |                            |  | ·  |                    |  |                                |  |  |                             |
| Project Hame: Scratch St. Com #1   |   | State: Zip:  |                            | 1                                      |  |                    |  |                                |  |  |                             |
| Project Location: Maliamar NM  |   | Phone #:   | ·                          |  |  |                    |  |                                |  |  |                             |
| Sampler Name: Amy Rith   | in a second s   | =8×#:  |                            |  | · [  |                    | .  |                                |  |  | I                           |
| FOR UAB LSE CNLT   | MATRIX  | PRESERV. SAMP  | LING                       | 2                                      | .  |                    |  |                                |  |  |                             |
| (c)omp   | TER   |  |                            | orid                                   |  |                    |  |                                |  |  |                             |
| Lab I.D. Sample I.D. Bacontanters  | WASTEWATE<br>SOIL<br>CRUDE OIL<br>SLUDGE  | ACIDIBASE<br>OTHER: COOL   | TIME                       | 541                                    |  |                    |  |                                |  |  |                             |
|  | <u>× 15 15 15 15 15 15 15 15 15 15 15 15 15 </u>  | 9/10/07  | وأحديث ويستعجب والم        | 7                                      |  |                    | ┥──┿╾  | <del>بد ما</del> سمه           |  |  |                             |
| -2 MWI @ 40' GII   |   | 9/10/0-  |                            | X                                      |  |                    |  |                                |  |  |                             |
| -3 MW @ 45' GII  |   | 9/10/07  | 1438                       |  |  |                    |  |                                |  |  |                             |
| -4 MW1 @ 50' Gill  |   | 4/10/07  | 1457                       | 4                                      |  |                    |  | i`                             |  |  |                             |
|  |   | +  |                            |  |  |                    | ╉╼╼╌╋╼   |                                | -+   |  |                             |
|  |   | ╶┠╾┾╾┾╼┾╼╌╌╸   |                            |  |  | •                  |  | lele-                          | +  | ╾┥╾┊╴┼╵  | <u>`</u>                    |
|  | ╌┼╌┦╌┞╾┼╸   | <u></u> <u></u><br><u></u>   | <u> </u>                   |  | +  |                    |  |                                |  |  | {                           |
| ······································   | ╺╋╍╬╍╎╌╎╌   | ┟╍┼╍┼╌┼┈   | <u> </u>                   |  |  |                    | ┝╍╍╌┠╍   |                                | - <del> ; -</del> -                            |  |                             |
|  | ╶╂╼╂╾╂╾   | ┠╌┼╍┼╾┼╍╍╍╍  |                            |  |  |                    |  | }<br>↓ ↓ ↓                     |  |  |                             |
| עבוצב ארדבי לביידי אין לשתייט אין  | de 29 willing and facel, ed i<br>a hiersiptions, lass af use,   | by Cardinal within 30 days allor being<br>or lose of profile Securited by class, i | Nexion of the republishing | •••••••••••••••••••••••••••••••••••••• | مهر منهم المعني الم | 7 AT<br>30 d<br>AT | lananan lana<br>Ar Ard Conselli<br>Inye panel dae at<br>af south of pole | the late of 21.                | יד אין איז | אראיים אראיים אינטיים איז<br>אראי אינטיד אינטיע איז<br>איז אינט אינט אינט איז אינטיע | narmaal .<br>Anton<br>Suton |
| ntas a norman and a clear of the test performent of series houseder by Geronel) shudeus of m<br>Sampler Relinquished: Data: Received B |   | pon on of the shore shiled lesson  | Phone Rosu                 | H: D                                   | Yes DN   |                    | hone #:  | مرا في حدادة<br>سالا معر أو أو |  |  |                             |
| Time:  | ,   |  | Fax Result:<br>REMARKSI    | 0                                      | Yes DN   | o Add'i i          | EX #:  | ł<br>ł                         |  | · · · · · · · · · · · · · · · · · · ·  | .                           |
| ellnowished By: Dates Received By 9/12/07  | : ILab Staff)   | ~~~~·  |                            |  |  | •                  |  | ; ·,                           |  |  |                             |
| Nmy THE ID20 Th  | H ful   | CHECKED BY;  |                            |  |  | . ·                | •  |                                |  |  |                             |
| ups - Bus - Other:   | ol intact<br>Yes 2488   | (Initiale)   |                            |  |  | •                  |  |                                |  | ·  |                             |
| t Cardinal caono a second varial charges. Risses day with a share  | NO HO   |  |                            | *******                                |  |                    |  | h hand an h loone              |  |  |                             |



PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

PHONE (505) 393-2326 . 101 E. MARLAND . HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX:TO: (505) 397-0397

Receiving Date: 09/27/07 Reporting Date: 09/28/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM

Analysis Date: 09/28/07 Sampling Date: 09/27/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: KS Analyzed By: HM

|                                       |  | C       |
|---------------------------------------|--|---------|
| LAB NUMBER                            | SAMPLE ID                              | (mg/Kg) |
| H13393-1                              | MW2 35'                                | 9,800   |
| H13393-2                              | MW2 40'                                | 5,040   |
| H13393-3                              | MW2 45'                                | 3,240   |
| H13393-4                              | MW2 50'                                | 5,040   |
| H13393-5                              | MW2 55'                                | 528     |
| · · · · · · · · · · · · · · · · · · · | ······································ |         |
| <b>Quality Control</b>                |  | 490     |
| True Value QC                         |  | 500     |
| % Recovery                            |  | 98.0    |
| Relative Percen                       | t Difference                           | 2.0     |

METHOD: Standard Methods

Note: Analyses performed on 1:4 w;v aqueous extracts.

09-28-07

4500-CI'B

Date

#### H13393 BBC

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ARDINAL LABORATORIES, INC.

|  | 2111 Beachwood, J                             | Abilene, TX 796               | 03                  | 10:          | 1 E7         | aet h     | larl         | ងរាជ        | , Ha                                    | bb           | 6, ł                    | ٧M     | 882         | 240              |                  | •            | •   |   |    |          |              |             |                            | 1 .      |                  |               |             |
|--|---|-------------------------------|---------------------|--------------|--------------|-----------|--------------|-------------|---|--------------|-------------------------|--------|-------------|------------------|------------------|--------------|-----|---|----|----------|--------------|-------------|----------------------------|----------|------------------|---------------|-------------|
| (915) 673-7001 Fax (915) 673-7020 (606) 393-2326 Fax (<br>Company Name: BBC, International |   |                               |                     |              |              |           |              |             | X ((                                    | 105          |                         |        |             |                  |                  |              |     |   |    |          |              |             | Page_                      |          | ·                | . <u></u>     | 7           |
| Project Manage   |   |                               |                     |              | ··           |           |              |             | BILLTO                                  |              |                         |        |             | ANALYSIS REQUEST |                  |              |     |   |    |          |              |             |                            |          | {                |               |             |
|  |   | nson                          |                     | ·            |              |           |              |             | P.O. #:                                 |              |                         |        |             | -                |                  | {            | {   | } |    |          | ļ            | 1           |                            |          |                  |               |             |
| Address: 132   |   |                               |                     |              |              | ·         |              |             | 0                                       | omip         | any                     | /1     |             |                  |                  |              |     | 1 | 1  | 1        |              | •           |                            |          |                  | 1             |             |
| cio: Habb  |   | State: NM                     |                     |              | _            |           | _            |             | AI                                      | tn:          |                         |        | 11          | 1.44             | +                | 4            |     | 1 |    |          | j            |             |                            |          |                  | ŀ             | .           |
| Phone #: 505   | Phone # 505-347-4388 Fax # 505-397-0397       |                               |                     |              |              |           |              |             | A                                       | idre         | ra9:                    | _ر     | <b>م</b> د  | 111              | E                |              |     |   |    |          |              |             | ·                          |          |                  |               |             |
|  |   |                               |                     |              |              |           |              |             | [C]                                     | ty:          |                         | ···    |             |                  |                  |              |     |   |    |          | }            |             |                            |          | . {              |               |             |
|  | Project Hama: Saratch St. Com #1              |                               |                     |              |              |           |              | St          | ale:                                    |              |                         | Zip    | 1           | ·                |                  |              |     | • |    | }        | }            | ł           | •                          |          |                  |               |             |
| Project Locado   | alf a bi a                                    | <b>د</b>                      |                     |              |              |           |              |             | Ph                                      | юре          | • #;                    |        |             |                  |                  | 1            |     |   |    |          |              | ·           |                            |          |                  |               |             |
| Sampler Hame:  | Hmy Ruth                                      | )                             |                     | - <b>,</b> , |              |           |              |             | Fa                                      | x <b>#</b> : | _                       |        |             |                  |                  | -            |     |   | ľ  | 1        |              | }           | ļ                          |          |                  |               |             |
| (07. L-6 455 (7-L)   |   |                               |                     |              | <b> </b>     | H         | ATA          | ux          |   | PR           | ESE                     | RY.    |             | SAHPL            | ING              | - 8          | l.  |   | 1  |          | ł .          | }           | }                          |          |                  |               |             |
| 1  |   |                               | N                   | 6            | E            |           |              |             |   |              |                         |        | 1           |                  |                  |              | }   | ļ |    |          | ļ            |             |                            |          |                  |               |             |
| Lab I.D.   | Sample  |                               | 0                   | 阎            | VAT.         | Ë.        | · ]_         | ]           |   |              |                         |        |             |                  |                  | 1            |     | Į | 1  |          |              | ]           |                            |          | }                | .             |             |
| 1 man 1.0.   |   | ر اسل د ا                     | Ö                   | IV.          | ig           | Ma        |              | ្តីដូ       | l i i i i i i i i i i i i i i i i i i i | BASE         | õ                       | i i i  |             |                  | ļ                | R            |     |   |    | 1        |              | }           | 1                          |          |                  |               |             |
|  |   |                               | (G) RAB OR (C) OMP. | # CONTAINERS | GROUNDWATEF  | WAS       |              | stude       | OTHER :                                 | ACID/BASE:   | ICE / COOL              | E      |             | DATE             | TIME             | ĮV.          |     |   |    | } -      |              | }           | {                          |          |                  |               |             |
| H13393-1   | MWZ 34  | 57                            | G                   | <u> </u>     | ů,           |           | /            | 10          | 12                                      | 4            | 7                       |        | ٩/          | ~~~~ <i>f</i> ~~ | 958              |              |     |   |    | 1        |              |             |                            |          |                  |               |             |
|  | MW2 40  |                               | G                   | 1            |              | T,        | $\mathbf{x}$ |             | $\uparrow$                              | -            | $\overline{\checkmark}$ |        | 9/2         |                  | 1047             |              |     |   |    |          | · .          |             | <u> </u>                   | ļ        |                  |               |             |
| -3   | MW2 45  | 51                            | G                   | 1            |              | T.        | F            |             | Γ.                                      |              | $\checkmark$            |        | %           | 2/07             | 1116             | Y            |     |   |    | ·        |              | ļ           | 1                          |          |                  |               |             |
| -4   | MWZ 50  |                               | G                   | 1            |              |           | 1            |             |   |              | Ś                       |        | 9/2         | _                | 1156             | 1.           |     |   |    |          |              | <b> </b>    |                            |          |                  |               | <u>  </u>   |
| -5   | MWZ 55  | - <i>1</i>                    | G                   | <u>L </u>    | _            | _ ×       | 1            |             |   |              | ~                       |        | <u> 1/2</u> | 7/07             | 1220             |              |     |   |    |          |              | ļ           | <u> </u>                   |          |                  |               |             |
|  |   |                               |                     |              | ~            |           | _            |             |   |              |                         |        |             |                  | <b>_</b>         |              |     |   |    | ļ        | ļ            |             |                            |          |                  |               | <u> </u>    |
|  |   | ·                             |                     |              | _            |           |              |             |   |              | _                       |        |             |                  |                  | i            |     |   |    | <u> </u> | <del>-</del> |             |                            |          |                  |               |             |
|  | · · · · · · · · · · · · · · · · · · ·         |                               |                     |              |              |           | _            |             |   |              | _                       |        |             |                  | <u> </u>         | L.           |     |   |    |          |              | <b> </b>    |                            |          |                  |               |             |
|  |   |                               |                     | _            | _            | $\square$ | ļ            |             |   | _            |                         |        |             |                  |                  |              |     | i |    |          |              | <b>{</b>    | ļ                          |          |                  |               | <u>├</u> }  |
| PLEUSE NOTE UNOTE ST   | Durmon, Cocarn's Subity and ch                |                               |                     |              | <u>.</u>     |           |              |             |   |              | <u></u>                 |        |             |                  | e effect for the | I            |     |   |    | L        |              | -           | ।<br>इत्रान्द्र भा         | be darge | d on al xes      | and and       | 150         |
| wares would up to the  | Rout of rapidure training over 1              | ware transmover sized by deep | ned und             | 111          | -            | ode h w   | dative as    | nel e armai | med be                                  | Card         | بالسر المحا             | 10h 30 | dans (      | HE IN GALLON     | utor of Fa sect  | add <b>e</b> |     |   |    | 30 4     | ک کست ایسک   | िम को फेब ह | ali a' 249<br>c, Isslating | pr atus  | 1,004,000 100 10 | rișinal dat 1 | of Incides, |
| Sampler Rellagy  | Person 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Dala:                         | 17, 14              | BIY          | 8 DJ W       | hattar H  |              | in a be     | 11014                                   | on an        | ol th                   |        | u sinis     | ed too stars     | Phone Ro         |              | DYe |   | No |          | Phone        |             |                            |          |                  |               | ·           |
|  | 5000  |                               | ret                 | ; 9194       | <i>.</i> u n | iy:       |              |             |   |              |                         |        |             |                  | Fax Reput        |              | DYE |   | No |          | Fax #:       |             |                            |          |                  |               |             |
|  |   | Time:                         |                     |              |              |           |              |             |   |              |                         |        |             |                  | REMARK           | 51           |     |   |    |          |              |             |                            |          |                  |               |             |
| Railing ulshad Br  | $1 \sqrt{1}$                                  | Day 27/07                     | Rec                 | BIYE         | dB           | y: /l     | aþ           | Staff       | 3                                       |              |                         |        |             |                  |                  |              |     |   |    |          | •            |             |                            |          |                  |               |             |
| +N.(   | X-1-  |                               |                     | 1            | K,           | 1         | t.           |             | 1.                                      | 1            | 1                       | bo     |             | 1                |                  |              |     |   |    |          |              |             |                            |          |                  |               |             |
| Delivered By:  | ICircle One)                                  |                               |                     | ÷ŕ           | <b>8</b> a   | mpla      |              |             |   |              | HE                      | CICE   |             | T                |                  | · .          |     |   | •  |          | ·            |             |                            | •        |                  |               |             |
| Samplar - UPS -  |   |                               |                     |              | Ç            | 00        | Inta         | c1/         |   |              |                         | nitia  |             |                  |                  |              |     |   |    |          |              |             |                            |          |                  |               |             |
| California Pro -   | PD9 - Offiction                               |                               |                     |              | ł            | No.       | ° H          | No.         |   |              |                         | L      | S           |                  |                  |              |     |   |    |          |              |             |                            |          |                  |               |             |

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 09/04/07 Reporting Date: 09/06/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 09/06/07 Sampling Date: 08/14/07 Sample Type: SOIL Sample Condition: INTACT Sample Received By: NF Analyzed By: KS

| •                |                                       | C       |
|------------------|---------------------------------------|---------|
| LAB NUMBER       | SAMPLE ID                             | (mg/Kg) |
| H13233-1         | PIT BOTTOM                            | 128     |
|                  |                                       |         |
|                  |                                       |         |
|                  |                                       |         |
|                  |                                       |         |
|                  |                                       |         |
|                  |                                       |         |
| · ·              |                                       |         |
|                  | · · · · · · · · · · · · · · · · · · · |         |
| <u></u>          |                                       |         |
|                  |                                       |         |
| Quality Control  |                                       | 500     |
| True Value QC    |                                       | 500     |
| % Recovery       |                                       | 100     |
| Relative Percent | t Difference                          | < 0.1   |
|                  |                                       |         |

METHOD: Standard Methods 4500-CIB Note: Analysis performed on a 1:4 w.v aqueous extract.

06/07

H13233 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without fimitation, business interruptions, loss of use, or loss of profits incidental or bubsidiares affiliates or successors arising out of cr related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

ARDINAL LABORATORIES, INC.

| · · · · · · · · · · · · · · · · · · · | 2111 Beechwood, A<br>(915) 673-7001 Fa  | bliene, TX 796<br>X (915) 673-70      | 03<br>20            | 10<br>(5)     | 1 En        | ast k<br>393-2     | iarla<br>2326 | and<br>5 Fa | , Hi<br>x ( | opp<br>202 | 16, Å<br>1 39             | NM<br>93-2          | 88240<br>2478  |                   |                                       | :            |        |          | -  |              |                                    |            |                | Peģe     |   | 01.1       |            |           |  |  |
|---------------------------------------|---|---------------------------------------|---------------------|---------------|-------------|--------------------|---------------|-------------|-------------|------------|---------------------------|---------------------|----------------|-------------------|---------------------------------------|--------------|--------|----------|----|--------------|------------------------------------|------------|----------------|----------|---|------------|------------|-----------|--|--|
| Company Nam                           |   | ernation                              | _                   |               |             | ne                 |               |             |             |            |                           |                     |                | õ                 |                                       |              | *      |          |    | AN           | ALY:                               | SIS F      |                | EQUEST   |   |            |            |           |  |  |
| Project Manag                         |   | unson                                 |                     |               |             |                    |               |             | غف و ب      | P.O. #:    |                           |                     |                |                   |                                       | 1.           | 1      | -        | 1  |              | 1                                  | 1          | له             | T        | 1                                       | T          | 1          |           |  |  |
| Address: 13                           |   | irland                                |                     |               |             |                    |               |             | Company:    |            |                           |                     | 7              | ·                 |                                       |              | 1      |          |    |              |                                    |            |                |          |   |            |            |           |  |  |
| City: Hobl                            |   | State: N/N                            | 121                 | p:/           | 82          | 87.1               | 10            |             | A           | Attn: 000F |                           |                     |                | -                 |                                       |              |        |          |    |              |                                    |            |                | ľ        |   |            |            |           |  |  |
| Phone # 50                            | 5-397-638   |                                       |                     |               |             |                    |               | 7           | A           | ddre       | 88                        | $\overline{\gamma}$ | HIM            | -6                | · · · · · · · · · · · · · · · · · · · | ٦.           | 1      | }        |    | ļ            |                                    |            |                | •        | 1                                       | }          | .          | -         |  |  |
| Project #                             |   | Project Owner                         |                     |               |             |                    |               |             | CI          | ty:        | C                         | 7                   |                |                   |                                       | 7            | •}     | }.       | }  |              |                                    |            |                |          | 1                                       |            |            | }         |  |  |
| Project Name:                         | Scratch E   | St: Com                               | *                   |               |             |                    |               | ·           | St          | ato:       |                           |                     | Zip:           |                   |                                       | ].           |        |          |    |              |                                    |            | - {            |          | {                                       | <u>}</u>   | [          |           |  |  |
| Project Locatio                       | roject Location: Maliamar   |                                       |                     |               |             |                    |               |             | Ph          | ione       | o #:                      |                     |                |                   |                                       |              | }      |          |    |              |                                    |            |                |          | ł                                       | }          |            |           |  |  |
| Sampler Name:                         | ampior Namo: Amy Ruth   |                                       |                     |               |             | *****              |               | <b>.</b>    | Fa          | x #:       | _                         |                     |                |                   |                                       |              |        | { .      |    |              |                                    | 1          |                | I        |   | 1          |            |           |  |  |
| FOR LAB LSE CILY                      |   |                                       | 0.                  |               | -           | ж                  | TRU           | X           | <u></u>     | PR         | ESE                       | RV.                 | SAMF           | اليار<br>T        | NG                                    | 1-4          | 1 s.   | {        |    | 1            |                                    | {          |                | Ì        | l                                       | · ·        |            | · ·       |  |  |
| . د                                   |   |                                       | (G) HAB OR (C) OMP. | S             | H۳<br>ا     | ~                  |               |             | {           |            |                           |                     |                |                   |                                       | 1.2          |        | 1        | {. |              |                                    |            |                |          |   | <br>       |            |           |  |  |
| Lab I.D.                              | Sample I  | П                                     | 10                  | # CONTAINERS  | GROUNDWATER | WASTEWATER<br>Soll | 4             |             |             | ш          |                           |                     |                |                   |                                       | 19           | {· .   |          |    | 1            | ·                                  | 1          |                |          |   |            |            | ·         |  |  |
|                                       | oumpio 1  | .~.                                   | D B O               | E             | R           |                    | CRUDE OIL     | SLUDGE      | E<br>E      | ACID/BASE  | ICE / CODE                | ä                   |                |                   |                                       | 2            | {      |          |    |              |                                    |            |                |          |   |            |            |           |  |  |
|                                       |   |                                       |                     | <u>к</u><br>М | ы<br>Св     | SOIL               | Ĩ             | 3           | Нo          | ğ          | Щ                         | QTHER               | DATE           |                   | TIME                                  | $\mathbb{P}$ |        |          |    |              |                                    | J          |                | أسف      |   |            | ·          |           |  |  |
| 413233.1                              | Pit Bottom  | 2                                     | C                   |               |             | 1                  | 1             |             |             |            | $\underline{\mathcal{A}}$ | _                   | 8/14/0         | 74-               | 1100                                  |              |        |          |    | +            |                                    |            | 4              |          |   |            |            |           |  |  |
|                                       | · · · · · · · · · · · · · · · · · · ·   |                                       | . :                 |               |             |                    |               |             |             |            |                           | -+                  |                | +                 |                                       |              |        | [        |    |              |                                    | +          |                | {        |   |            |            |           |  |  |
| }                                     | ·   | · · · · · · · · · · · · · · · · · · · | 4                   |               | -+-         |                    | <u> </u>      |             |             | -+         |                           | -+                  |                | ╉                 |                                       |              |        | <u> </u> |    | +            | +                                  | +-         | -4-            | ╧┷┥      |   |            |            |           |  |  |
|                                       |   |                                       |                     |               |             |                    | $\square$     |             | -           | $\neg$     |                           | -                   | · ·            | ┢                 |                                       | []           |        | f        |    | <del>{</del> |                                    | +          | -              | <u> </u> |   |            |            |           |  |  |
|                                       |   |                                       |                     |               | -           | +                  |               |             | -           | -          | -                         | 1                   |                | T                 |                                       |              |        |          |    |              |                                    |            | T              | <u>.</u> |   |            |            | ·         |  |  |
|                                       |   |                                       |                     |               |             | -                  |               |             |             |            | 1                         | T                   |                |                   |                                       |              |        | ·        |    |              |                                    |            |                | · · · ·  |   |            |            |           |  |  |
|                                       |   |                                       |                     |               |             | Τ                  |               |             |             |            |                           | Τ                   |                | Ι                 |                                       |              |        |          |    | [            |                                    | 1          |                | se_      |   |            |            |           |  |  |
|                                       |   |                                       |                     |               |             |                    |               | ·           |             |            |                           | ·                   |                |                   |                                       | · .          |        |          |    | ļ            |                                    |            |                | i l      | ·                                       |            |            |           |  |  |
|                                       | Dumager Cardon's Subility and eleven  |                                       | -il                 |               | , l         | 1,,,,,,,           |               |             | _           | 1          |                           |                     |                | ]                 |                                       |              |        |          |    | <u> </u>     | <u> </u>                           | L          | <u>جباب</u>    | цĻ       |   |            |            |           |  |  |
| MAYLA, AL ONICH TOUCHU                | The for incident with the second s | a wrateroover sheet by the stat       | rd frah             | nd ish        | e ind       | 6 h ma             | ha shid       | (scol-      | ed by       | Cardin     | ei wikhi                  | å1 30 c             | deys efter com | <del>piul</del> i | on of the applica                     | nble         |        |          |    | 30 d         | eyn ywel<br>eyn pael<br>wl onell 1 | tor of the | he a           | 1214 p   | n starond<br>ar herene k<br>lossay's la | 101 H 1000 | had due to | čhanakon, |  |  |
|                                       | ert of a looker to be battationes of  | sorricon horounder by Carde           | Mitt                | wden          |             | ther put           |               |             |             |            |                           |                     |                | N M               |                                       | ault:        | O Yee  | - 0      | No |              |                                    |            | اسعبل          | سلب      |   |            | سيتشب      | min       |  |  |
|                                       |   |                                       |                     | 0110          |             | • : •              |               |             |             |            |                           | • •                 |                | F                 | BX ROUL                               |              | [] Yes |          | No | Add'l        | ax #:                              |            | اسبسا<br>سببية | ملسب     | ·····                                   | ·····      |            |           |  |  |
| Rallnouished By                       |   | Time:                                 |                     |               |             |                    |               |             |             |            |                           |                     |                | 1"                | EMARIA                                | <b>1</b>     |        |          |    |              |                                    |            |                | :<br>i   |   |            |            |           |  |  |
| Relinquished by                       | 2, 1  | 9/9/07                                | Rec                 | ely e         | d By<br>//  | 7 [[[              | 1/51          | lafi)<br>∧∧ | 1           | 1          |                           |                     |                | 1                 |                                       |              |        |          |    |              |                                    |            |                | •        |   | •          |            |           |  |  |
| Time                                  | atutto  | Time: 410                             | 1                   | Yl            | ik          |                    | Lu.           | W.          | £           |            | -                         |                     |                | }                 |                                       |              |        | ÷        |    |              |                                    | Ì          | :              |          |   |            |            |           |  |  |
| Delivered By.                         | Circle Qne  | - Citation - La Mina - La             | <u>.</u>            | T             | ភិត្ត<br>Co |                    | tact          |             | T           | CÌ         |                           | REC                 | D BY:          | 1.                |                                       |              |        |          |    |              |                                    | į.         |                | 1        |   |            |            |           |  |  |
| Sampler UPS                           | Bus - Other:  |                                       |                     |               | ſ           | Yes                | NY.           | 66          |             |            | Ϋ́,                       | 4                   |                |                   |                                       | ÷            |        |          |    |              |                                    | .          |                | İ        |   |            |            |           |  |  |
|                                       |   |                                       |                     |               |             | No                 |               | 10          | l           |            | 11-                       | -1-                 |                |                   |                                       |              |        |          |    |              |                                    | -de        | hand           | 1        |   |            |            |           |  |  |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



## PHONE (325) 673-7001 + 2111 BEECHWOOD + ABILENE TX 78603

PHONE (505) 393-2325 + 101 E. MARLAND + HOBBS, NM 88240

#### ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

to the bar for

Receiving Date: 09/12/07 Reporting Date: 09/13/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 09/13/07 Sampling Date: 09/11/07 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: KS

|                                       |                     | CL .     |
|---------------------------------------|---------------------|----------|
| LAB NUMBER                            | SAMPLE ID           | (mg/L)   |
| H13281-1                              | MW 1                | 396      |
| · · · · · · · · · · · · · · · · · · · |                     |          |
|                                       |                     |          |
|                                       |                     |          |
|                                       |                     | ······   |
|                                       |                     |          |
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| · · · · · · · · · · · · · · · · · · · |                     | 1        |
|                                       |                     |          |
|                                       | سی ، معدد مورد است. |          |
|                                       |                     |          |
| Quality Control                       |                     | 500      |
| True Value QC                         |                     | 500      |
| % Recovery                            |                     | 1 100    |
| Relative Percent                      | Difference          | < 0.1    |
|                                       |                     |          |
| METHOD: Standar                       | d Methods           | 4500-CIB |

usta Supecto Chemist

09/13/07 Date

#### H13281 BBC

PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remady for any civil or any civil arging, whether based in contract or fort, shall be limited to the amount paid by client for anxies and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within think (30) days after completion of the applicable service, in on event and Cardinat be libble for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidaries, affiliates or successors and any of related to the consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidaries, affiliates or successors and any of related to the consequential damages, including, regardiess of whether such claim is based upon any of the above-stated reasons or otherwise.

| 2111 Beechwood,<br>(915) 673-7001 (   | Fax (975) 673-7D                  | 20                | 10<br>(50    | 1 E<br>)5}  | ast<br>393- | Маг<br>232               | and<br>9 Fa  | I, H<br>I× [       | орр<br>206     | ) 99             | 9-2     | 478               |                                       |      | i   |          |          |          |          |             |                           | Pi             |            | Loi        | 1   | - |     |
|---|-----------------------------------|-------------------|--------------|-------------|-------------|--------------------------|--------------|--------------------|----------------|------------------|---------|-------------------|---------------------------------------|------|-----|----------|----------|----------|----------|-------------|---------------------------|----------------|------------|------------|-----|---|-----|
|   | ternation                         | ð.[               |              | I           | nC          |                          |              |                    |                | بنبينها          | BI      | (LL TI            | 2                                     |      |     |          | ***      | A۲       | IAL      | YSI         | S RI                      | EQ             | JEST       |            |     |   |     |
|   | runson                            |                   |              |             |             |                          |              | P                  | .0, †          | <u>}.</u>        |         |                   | <del>,,,</del>                        |      | 1   | {        |          |          |          |             |                           |                |            |            |     |   |     |
|   | arland                            |                   | -i-          |             |             |                          |              | C                  | omp            | влу              | :       |                   |                                       |      |     |          |          |          |          |             |                           |                | 1          |            |     |   | . } |
| iny: Hobbs  | State: NM                         | 1z1               | p:'          | 8           | 820         | 40                       |              | A                  | Hn;            |                  | Δ_      | ADA               | 2                                     |      |     |          |          |          | 1        |             | Į                         |                |            |            | {   |   |     |
| попет: 505-397-638  | 8 Fax # 505                       | 5                 | 39           | 7-          | 0           | 39                       | Ζ.           | A                  | ddro           |                  | 2       | HI                |                                       | · .  |     | ł        |          | 1        | 1        |             | 1                         |                |            |            |     |   |     |
| 10Jact 77.  | Project Owner                     | <u>r: ()</u>      | la           | rt          | no b        | <u> </u>                 |              | c                  | ty:            | C                |         |                   |                                       |      | 1.  | ŀ        |          | 1        |          |             |                           | 1              |            |            | - 1 |   |     |
| mlear Hame: Scratch St  | . Com #1                          |                   | :            |             |             |                          |              | St                 | sts;           |                  |         | Zip:              |                                       |      |     |          | {        | 1        |          |             | 1                         | }              | 1          |            |     |   |     |
| robici Location: Maliama  | er NM                             |                   |              |             |             |                          |              | P                  | юпе            | #:               |         |                   |                                       |      |     | 1        |          | 1        | l        |             | {                         |                | 1          | ·          | }   |   |     |
| ampion Name: AMM Rus  | th                                |                   |              |             |             |                          |              | Fa                 | x #:           |                  |         |                   |                                       |      |     |          |          | {        |          | •           | 1                         |                |            |            |     |   | ł   |
| CALIBLEONY .  |                                   |                   |              | ,           | M           | ATRI                     | X            |                    | PRI            | ESE              | RV.     | SAMPI             | .IKG                                  | J_4  |     | 1        |          | ·        |          |             |                           |                | }          | {          |     |   |     |
|   |                                   | No.               |              | r<br>u      | _           |                          |              |                    |                |                  |         |                   |                                       | 1. S | {   |          | 1        | 1        |          |             | 1                         |                |            |            |     |   |     |
|   | 10                                | (G)RAB DR (C)OMP. | CONTAINERS   | GROUNDWATER | WASTEWATER  |                          |              | ŀ                  |                |                  |         |                   |                                       | br   |     |          |          | . }      |          |             |                           |                |            |            |     |   |     |
| Lab I.D. Sample   | I.D.                              | 60.8              | 2            | NG2         | N.          | CRUDE OIL                | Щ            | н:<br>Н            | ACID/BASE:     | 105 / 0001       | <u></u> |                   | · ·                                   | 1-0  | 1   | Į.       |          | {        |          |             | ĺ                         | [              | 1          |            |     |   |     |
|   |                                   | AR I              | ĝ            |             | NAST        | Lon Lon                  | SLUDGE       | Ë                  |                |                  | CIHER   | DATE              | TIME                                  | V    |     | Ì        | .        | {        |          |             |                           |                |            | ł          | }   | į |     |
| 3-381-1 MW 1  |                                   | Ğ                 | *            | Ÿ/          | Elv         | 10                       | 0            | 0                  | 4              | <u>9</u> µ<br>./ |         | 1/11/07           | · · · · · · · · · · · · · · · · · · · |      |     | <u> </u> | +        |          |          | <del></del> | <br>۱                     | fembe          | +          |            |     |   | ł   |
|   |                                   | <u> </u>          | -+           | *†          |             |                          |              |                    |                | <u>v (</u>       |         | 0.101             | 14.22                                 | 1.   |     |          | +        |          | 1-       |             |                           |                |            | +          |     |   | F   |
|   |                                   |                   | 1            | 1           | 1           |                          |              |                    | 1              | 1                | 1       |                   |                                       |      |     | /        | 1        | 1        | 1.       |             |                           | <u> </u>       | T          | 1          |     |   | Γ   |
|   |                                   |                   | _            | 1           | 1           |                          | 1            | 1                  |                |                  | 1       |                   |                                       |      |     |          |          |          |          |             |                           |                |            |            |     |   | Ĺ   |
| ·   |                                   | _1                | _            |             |             | $\square$                | -            | _                  |                | _                | 4       |                   |                                       |      |     |          | <u> </u> | +        |          | _[          |                           | h              | - <b> </b> |            |     |   | j.  |
|   |                                   | {                 |              | _           | -1-         | $\left  - \right $       |              | _{                 |                |                  | 4.      |                   |                                       |      |     |          | ļ        |          |          |             |                           | Lie-           |            |            |     |   | _:  |
|   |                                   | _i                | _ <u> </u> ` |             |             |                          | _            | 4                  |                | +                | +-      |                   |                                       |      |     |          |          |          |          |             |                           | سفعہ           | <b>_</b>   |            |     |   |     |
|   |                                   | 4                 |              | 1           | -           |                          | _            |                    |                |                  | -       |                   |                                       |      |     |          |          |          |          |             | ł                         | _بب_           |            |            |     |   | -   |
|   |                                   |                   |              | -           |             | $ \downarrow \downarrow$ | 4            | -                  |                |                  |         |                   |                                       | -    |     |          |          | <u> </u> | <b> </b> |             |                           |                | - <b> </b> | ·          |     |   |     |
| 5 AOTE Line ( and Deroute Existent's Sharp will and   |                                   | <u> </u>          |              | L           | 1           |                          |              | 1                  | 4              | 1                | 1       |                   | A 4640.                               | L    | l   |          |          | 1        | <u>}</u> |             |                           | <u>++</u> +    | <u> </u>   | _          |     |   |     |
| e, Noritz szezity base to necessaria kistery anara<br>Is ne mark and Cantral be been for received or torney | the wrate-server shad be preserve | e intre           | 4 unione     | i medi      | • 15 with   | ng éngla                 | 100100       | 6 t <del>a</del> C | and set        | white            | 30 de   | the photo provide | for of the report                     | wite |     |          |          | 34       | arys p=  | el de a     | nt 9% 1760<br>Incluris, 8 | · dtcx         |            | the base t |     |   |     |
| a recent red or an a low of a latenting   | planice hearder by Certin         | (////<br>{000     | iden e       | A what      | nu wa       | (Calma )                 | bətə         | d i por            | 6 Y 1          | ( iho et         | K-10    | n)ed rearrand o   | Phone Ra                              |      | Yes |          | No       | 1557     |          |             |                           | <u> </u>       |            |            |     |   | -   |
|   |                                   |                   |              | i Liy       | •           |                          |              |                    |                |                  |         | [                 | Fax Reout                             | 1    | TYH |          |          | Add'     |          |             |                           | حداجمہ<br>سلعہ |            |            |     |   |     |
|   | 3[me:                             | 1                 |              |             |             |                          |              |                    |                |                  |         |                   | REMARKS                               | 1    |     |          |          |          |          |             |                           | :              |            |            |     |   |     |
| absched by  | 9/12/07                           | loca              | lyed         | AY          | Ja          | bS                       | <b>(</b> f1) | ~                  |                |                  |         |                   |                                       |      |     |          |          |          |          |             | i                         |                |            |            |     |   |     |
| 1 ( ) the fit   | Bine:                             |                   | Y            | [-          | Į-          | 4.                       | . 1          | V                  | $ \mathbb{N} $ | <u> </u>         |         |                   |                                       |      |     |          |          |          |          |             | į                         | :              |            |            |     | • |     |
| Yered By: (Circle Qne)  | 1020                              |                   |              | Bam         | ipie C      | 000                      | ilon         | $\tilde{\tau}$     | CH             | ECK              | ED      | BY:               |                                       |      | •   |          |          |          |          |             | i<br>I                    | 1              |            |            |     |   |     |
|   |                                   |                   | 1            | Coo         | i In        | to ct                    |              | 1                  |                | tinit            |         | 1                 |                                       |      |     |          |          |          |          |             | 1.                        |                |            |            |     |   |     |

† Cardinal cannot accept yerbal changes. Please fax written changes to 506-393-2476,

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PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

PHONE (505) 393-2326 - 101 E. MARLAND + HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 09/27/07 Reporting Date: 09/28/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 09/28/07 Sampling Date: 09/27/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: KS Analyzed By: HM

|                 |                        | C       |
|-----------------|------------------------|---------|
| LAB NUMBER      | SAMPLE ID              | (mg/Kg) |
| H13393-1        | MW2 35'                | 9,800   |
| H13393-2        | MW2 40'                | 5,040   |
| H13393-3        | MW2 45'                | 3,240   |
| H13393-4        | MW2 50'                | 5,040   |
| H13393-5        | MW2 55'                | 528     |
| · · · · ·       |                        |         |
| Quality Control |                        | 490     |
| True Value QC   | e e est anymene y sout | 500     |
| % Recovery      |                        | 98.0 .  |
| Relative Percen | t Difference           | 2.0     |

METHOD: Standard Methods 4500-CI'B Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

28-07 0 Date

#### H13393 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tork, shall be limited to the amount paid by client for antidyses. All claims, including those for negligence and any other cause whatsoover shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

RDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476 of \_[ Page Company Nama: RR/ Internationa ANALYSIS REQUEST BILL TO Brunson Prolect Managar. P.O. #: Address: (37.2) Ñ Company: City: Habbs State: NM ZID: 27240 Attn: OHI Phone # 505- 397-6388 Fax# 505-397-0397 Address: Project Owner: Marbab Project ≆: City: Com #1 St Project Name: State: ZIp: Maliamar Project Location: Phone #: Ruth Samplar Karna: Fax **#**: tron . FOR LAD USE CILY MATRIX PRESERY SAMPLING S (G) FAB DR (C) ONP GROUNDWATER CONTAINERS MASTEWATER Sample I.D. CRUDE OIL SLUDGE Lab J.D. ACID/BASE IDE / COOL OTHER : DTHER Soil DATE TIME H13393-11M222 35' 952 -ZMWZ G  $\sqrt{}$ 40 1047 G MWZ 45 1110 -3 G 9/27/00 1151 -4 MWZ 50 G 55' 1/27/m -5 M WZ 1220 theroad to all accounts more f PLEASE NATE: LANKY THE CATAVOL CARON' ) ADRY and OVER LACAM ISTAC main and by the check for the er la s se vit pe 30 days part due it to note of 24% per writes for the original dats of benfor A Description of the second state of the second and any const second and be descend where the second in where and it whithin 30 days off or completion of the applicable and at mosts of endactions, but earn stormer's lass. I ATEL IN THE PETE THE COTTED IN DOW TO THEOREM OF DOTADDARCHI CUTE DAY, THEORY THEORY ADDRAWN DARAGEN HEREINAN, AND I LEAD AT THE ADDRAWN DARAGEN ADDRAW Aud Phone #: Sampler Relinguished: O Yes Dalo: Received By: Phone Result: DNO U No DYes Add'I Fax #: Fax Reputt: REMARKS: Time: Dalle: 41,27/07 Received By: (Lab Staff) Railna Ishad D Timo: Z:/O robo Sample Condition CHECKED DY: Delivered (Circle Qne) Cool Intact (Initials) Sampler-UPS - Bus - Other: KS

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



#### PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79803 PHONE (505) 393-2328 • 101 £, MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 10/02/07 Reporting Date: 10/02/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 10/02/07 Sampling Date: 09/28/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: KS

|                 |  | CI      |
|-----------------|--|---------|
| LAB NUMBER      | SAMPLE ID                              | (mg/Kg) |
| H13410-1        | MW3 35'                                | 48      |
| H13410-2        | MW3 40'                                | 64      |
| H13410-3        | MW3 45'                                | 192     |
| H13410-4        | MW3 50'                                | 176     |
| H13410-5        | MW3 55'                                | 64      |
|                 |  |         |
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| Quality Control | ************************************** | 500     |
| True Value QC   | ······································ | 500     |
| % Recovery      |  | 100     |
|                 | t Difference                           | < 0.1   |

METHOD: Standard Methods 4500-CIB Note: Analyses performed on 1:4 w:v aqueous extracts.

ista Duploto

10/02 107 Date

#### H13410 BBC

PLEASE NOTE: Liability and Daminges. Cardinal's liability and client's exclusive remedy for any claim stipling, whether based in contract or lort, shall be limited to the emount pald by client for analyses. All claims, including those for hepligance and any other cause whiteoever shall be deemed waived unless made in willing and received by Cardinal within thinty (30) days after completion of the upplication sorvice. In one event shall be deemed waived unless made in willing and received by Cardinal within thinty (30) days after completion of the upplication sorvice. In one event shall cardinate the table for incidental or consequential damages, including, without limbilion, bits or use, or tools of profile incurred by client, its subsidiaries, atfliefes or successors at siding out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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|   | Fax (605) 398-2479         P.O. #:         Company:         Altn:         Address:         Chy:         Strie:         Zlp:         Phone #:         Fax #:         PRESERV.         SAM         Y         Altn:         Address:         Phone #:         Fax #:         PRESERV.         SAM         Y< | P.O. #:         Company:         Altn:         Address:         City:         Strie:         Zip:         Phone #:         Fax #:         PRESERV         SAMPLING         Y         Altin:         Address:         Phone #:         Fax #:         PRESERV         SAMPLING         Y | Fax (505) 393-2476       P.O. #:       Company:       Alth:       Address       City:       State:       Zip:       Phone #:       Fax #:       PRESERV       SAMPLING       Will B       Image: State       Zip:       Phone #:       Fax #:       PRESERV       SAMPLING       Will B       Image: State       Zip:       Phone #:       Fax #:       PRESERV       SAMPLING       Will B       Image: State       Zip: State | Fax (505) 353-2478       P.O. #:       Company:       Altn:       Address:       Altn:       Address:       Phone #:       Presenv       Stria:       Zip:       Phone #:       Presenv       SAMPLING       Will       Barle:       Zip:       Phone #:       Fax #:       PRESERV       SAMPLING       Will       Barle:       Zip:       Phone #:       Fax #:       PRESERV       SAMPLING       Will       Barle:       Zip:       Phone #:       Fax #:       Preserve       SAMPLING       Will       Barle:       Date       Time       Ying Date       Date       Time       Ying Date       Date       Pain Result:       Dys< Ding | Fax (505) 393-2479       ANALY         P.O. #:       Company:         Altn:       Att         Addresst       Att         Chy:       Strie:         Strie:       Zlp:         Phone #:       Fax #:         PRESERV!       SAMPLING         V:       Y         Y <t< td=""><td>Fax (d05) SS3-2476       ANALYSIS REC         P.O. #:       ANALYSIS REC         Company:       ANALYSIS REC         Altn:       Address         Address       Fill         Phone #:       Fax #:         Phone #:       Present         Fax #:       DATE         Y28/07 10 2.3       Y         Y28/07 10 2.7       Y         Y28/07 1207 Y       Y</td><td>Fax (g05) 393-2470     Prigit       P.O. #:     ANALYSIS REQUEST       Company:     ANALYSIS REQUEST       Altr:     ANALYSIS REQUEST       Address     Prist       Chy:     State       State     Zip:       Phone #:     Prist       Fax #:     PRESERV.       SAMPLING     V       V     Y28/07 10 2.3       V     Y28/07 10 2.3       V     Y28/07 10 2.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 10 2.3       V     Y28/07 10 2.4       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     &lt;</td><td>Fax (605) 359-2476     Prigit     of</td></t<> | Fax (d05) SS3-2476       ANALYSIS REC         P.O. #:       ANALYSIS REC         Company:       ANALYSIS REC         Altn:       Address         Address       Fill         Phone #:       Fax #:         Phone #:       Present         Fax #:       DATE         Y28/07 10 2.3       Y         Y28/07 10 2.7       Y         Y28/07 1207 Y       Y | Fax (g05) 393-2470     Prigit       P.O. #:     ANALYSIS REQUEST       Company:     ANALYSIS REQUEST       Altr:     ANALYSIS REQUEST       Address     Prist       Chy:     State       State     Zip:       Phone #:     Prist       Fax #:     PRESERV.       SAMPLING     V       V     Y28/07 10 2.3       V     Y28/07 10 2.3       V     Y28/07 10 2.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 40.7       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 11 207       V     Y28/07 10 2.3       V     Y28/07 10 2.4       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     Y28/07 10 2.7       V     < | Fax (605) 359-2476     Prigit     of |

† Cardinal cannot accept verbal changes. Please las written changes to 505-393-2476.

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PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE TX 79803 PHONE (505) 393-2325 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 10/02/07 Reporting Date: 10/02/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 10/02/07 Sampling Date: 10/01/07 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: NF Anályzed By: KS

|                 |              | CI <sup>-</sup> |
|-----------------|--------------|-----------------|
| LAB NUMBER      | SAMPLE ID    | (mg/L)          |
| H13411-1        | MW 2         | 45,590          |
|                 |              |                 |
|                 |              |                 |
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|                 |              |                 |
| Quality Control |              | 500             |
| True Value QC   |              | 500             |
| % Recovery      |              | 100             |
| Relative Percen | t Difference | < 0.1           |
|                 |              |                 |
| METHOD: Standa  | rd Methods   | 4500-CI'B       |

Kinter Angloto

\_\_\_\_\_\_7 Date

H13411 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or ton, shall be limited to the antiount paid by Client for antilysos. All claims, including those for negligence and any other cause whatsoever shall be deaned walved unless made in writing and received by Cardinal within thirly (30) days after completion of the upplicable service. In og event shall Cardinal the liable for incidental or consequential damages, including, without limitation, business interruptions, lose of use, or lose of profils incurred by client, its subsidiaries, alfiliates or successore arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such cleim is based upon any of the above-stated reasons or otherwise. ARDINAL LABORATORIES, INC.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| 211                                     | DINAL LAI<br>1 Beechwood,<br>915) 573-7001 | Abilenc, TX               | 79603          | 1                           | 01 I            | East               | Mar<br>232        | land       | , Ho         | obbi       | s, NI<br>907             | Y 8824         | 10      |                   | :              |                   |    |             |                |                             |              | ļ                     | مذوح                                   | 1                         | o1                        |                              |          |
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| Project Hanager.                        | CLIFF B                                    | runson                    | L'Antile       | لوسا<br>ا                   | ی <i>ل</i> حد ا | -1-1               |                   |            | ينعدوه       | 0. 出       | -                        |                | Si Ti   |                   |                |                   | 1  |             |                | Ţ                           |              | T                     |  |                           | 7                         | 1                            | T        |
| Address: 1371                           |  | arland                    |                | l<br>                       |                 |                    |                   |            | C            | mpi        | any :                    |                |         |                   | -              | 1                 |    |             |                |                             | }            |                       |  | l                         | {                         | 1                            |          |
| CITY: Habbs                             | han terristen de de                        | State: A                  | IMZ            | 10:                         | 8               | 87                 | UD                |            | AI           |            |                          | nn             | n P     |                   | -              |                   |    |             |                |                             |              |                       |  |                           |                           |                              |          |
| Phone # 505-                            | 397-1038                                   |                           |                |                             |                 |                    |                   | 7          |              | 'dree      | A                        | 111            | 46      | /                 | -1             |                   | 1. |             | }              |                             |              |                       |  |                           | <b>.</b>                  |                              | ļ        |
| Pioject #                               | - Calada - Charles                         | Project OH                | mor: (         | $\overline{\mathbb{V}}_{1}$ | ir              | Dol                | ~~~~<br>>         | ( <u>.</u> | Сн           |            | $\overline{\mathcal{O}}$ | ,              |         |                   | _              | 1.                |    | }           |                | 1                           | Ì            |                       | Í                                      |                           | 1                         |                              |          |
| Project Name: S                         | cratch !                                   | St. Com                   |                |                             |                 |                    |                   |            | Stu          | rto:       | •                        | Zlp:           |         |                   | 1              | ì                 |    |             |                |                             |              |                       |  |                           |                           |                              | 1        |
| Fraject Location:                       | Maliam                                     |                           |                | 1                           |                 |                    |                   |            | Phe          | one i      | 7;                       |                |         |                   |                | 1                 |    |             |                |                             | 1            |                       |  |                           |                           | I                            | }        |
| Sampler Name;                           | my Ru                                      | Eh.                       |                |                             |                 |                    |                   |            | Fax          | ;≠;        |                          |                |         |                   | ]              | [                 | 1  |             | }              |                             |              | 1                     |  |                           |                           |                              | I        |
| FOR US LS: CTUY                         |  |                           |                | Τ                           |                 | <u>ار</u><br>۲ - ۱ | 47.41             | X          | _            | PRES       | SERV                     | SAH            | 1PLI    | ٩G                | 20             | ].                |    |             |                | ·                           |              | -                     |  | }                         |                           |                              | ł        |
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|   | 0.1-                                       |                           | (j)            | # CONTAINERS                | GROUNDWATTER    | WASTEWATER         |                   |            | ł            |            | ,                        |                |         |                   | 2              |                   | }  |             |                |                             | 1            |                       |  |                           | Ì                         |                              | ļ        |
| Lab I.D.                                | Sample                                     | יַעינ                     | C (C) FAR OR   | E S                         | 10X             | E.                 | CRUDE OIL         | 8          |              |            | OTHER:                   | 1              |         |                   | -~             |                   | 1  |             |                |                             |              |                       |  |                           | 1                         |                              | ļ        |
|   |  |                           | C)R            | lõ<br>10                    | 10<br>HO        | SYN IC             |                   | 13         |              |            | Ë                        | DATI           | ЕÌ      | TIME              | v              |                   |    | Į           |                |                             |              |                       |  |                           |                           |                              |          |
| 13411-1 M                               | W2   |                           | G              | Î                           | Ž               |                    |                   |            |              |            |                          | 10/1/1         |         | 200               | $\overline{V}$ |                   |    |             |                |                             |              | L                     |  |                           |                           |                              | [        |
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| איז | nephawnia and tray other pa                |                           | ind for        | 40%                         |                 | 1 1 M              | ty stall          | retried    | h7 Ca        | 1.5.74° vi | 4541 20 I                | terri el e per | plater  | t of the applical | بل             |                   |    |             | 7X-7<br>30 4   | ine scal Cr<br>Iryn pinel d | 100 N 121    | الان الله<br>مع ما أو | भिषे स<br>भ्यु २०१४                    | ם לאקר אלו<br>צלו אינוילא | יישיי, אי ה<br>לליב וכן א | ی روین کر اور<br>این این این | 50<br>10 |
| ט א נש נחבר ההאבומר צו ב                |  | I series burneder by Co   | receited       | voiu                        | র্ধ নাহ         | ofer #1            |                   |            |              |            |                          |                | nr er o | minks.            |                |                   |    | <del></del> | •              |                             |              | ا، وماية<br>المس      | (************************************* | 787's Ives                |                           |                              |          |
| nploc Rollinguished                     | :  | Date;                     | Rec            | 9) Y B                      | d By            | :                  |                   |            |              |            |                          |                |         | ione Reel         |                | □ Y ##<br>□ Y # 5 |    |             | 7991)<br>7991) |                             | <u>ز انځ</u> | نىپ<br>مە             |  |                           |                           |                              |          |
| $\sim$                                  |  | Timo:                     | ];             |                             |                 |                    |                   |            |              |            |                          |                | RE      | HANKS             |                |                   |    |             |                |                             |              | ;                     |  |                           |                           |                              | _        |
| neuished by                             | XA   | DR19:<br>10/2/07          | Rece           | 11480                       | d By            | :74                | 15 10             | iff)       | مند مند<br>م |            |                          |                | ]       |                   | •              |                   |    |             |                |                             | i            | ٠,                    |  |                           |                           |                              | ·        |
|   | The  | 1/10/2/0/<br>1/mp:<br>830 | 1              | 71                          | 7               | 1/                 | 4.                | . 1        | Ø            |            |                          | ·····          |         | •                 |                |                   |    |             |                |                             | į            | ;                     |  |                           |                           |                              |          |
| livered By; (Circ                       | ile Onel                                   | 1830                      |                | $\overline{\uparrow}$       | Jan 18          | 12/0               | -   L<br>Sonal    | lan        |              | CHE        | AN<br>CHEC               | S BY:          | {       |                   |                |                   |    |             |                |                             | i<br>I       | ;;                    |  |                           |                           |                              |          |
| spler - UPS - Bug                       |  |                           | ·              |                             |                 | oİ ir<br>Nor       |                   |            |              | 14         | nHlais                   | g) -           |         |                   |                |                   |    |             |                |                             | į.           |                       |  |                           |                           |                              |          |
| opiei × 0r 3 × 1909 -                   | · U(18()                                   |                           |                |                             | Ŕ               | Na.                | AY e              | , )        |              | V          | 14                       | · ·            |         |                   |                |                   |    |             |                |                             | -li          | _أل                   |  |                           |                           |                              |          |

† Cardinal cannot accept verbal changas. Please lax written changes to 505-383-2476.

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#### PHONE (325) 673-7001 • 2111 BEECHWOOD - ABILENE, TX 79503 PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 10/03/07 Reporting Date: 10/04/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJ/MAR, NM Analysis Date: 10/03/07 Sampling Date: 10/02/07 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: AB Analyzed By: HM

|                                       |  | CI        |
|---------------------------------------|--|-----------|
| LAB NUMBER                            | SAMPLE ID                              | (mg/L)    |
| H13431-1                              | MW 1                                   | 708       |
| H13431-2                              | MW 3                                   | 472       |
| · · · · · · · · · · · · · · · · · · · |  |           |
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|                                       | ······································ |           |
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|                                       |  |           |
| Quality Control                       |  | 500       |
| True Value QC                         |  | 500       |
| % Recovery                            |  | 100       |
| Relative Percen                       | Difference                             | < 0.1     |
| METHOD: Standa                        | rd Methods                             | 4500-CI'B |

te Augusto

10/04/07 Date

#### H13431 BBC

PLEASE NOTE: Liability and Demages. Cardinal's liability and client's exclusive remedy for any claim adding, whether based in contract or tort, shall be limited to the antiouni paid by client for ensisteds. All claims, including these for negligence and any other cause whatedever shall be deemed writed antees made in writing and received by Cardinal within thiny (30) days after completion of the applicable sortice. In origination of the applicable consequential damages, including, without limitation, business interruptions, forsion or object use, or loss of profile incurred by client, its subsidiardes, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

ARDINAL LABORATORIES

| Real Property lies       | 101 Fast Marland Hobbe NM   |                      |              |            | <b>n</b> .        |                |                     |                      |                  |                           | _                    |                |  |   |              |       |   |          |          | •             |              |     |                |          |          |            |
|--------------------------|---|----------------------|--------------|------------|-------------------|----------------|---------------------|----------------------|------------------|---------------------------|----------------------|----------------|--|---|--------------|-------|---|----------|----------|---------------|--------------|-----|----------------|----------|----------|------------|
|                          | 101 East Marland, Hobbs, NM 8<br>(505) 393-2326 EAX (505) 393-  | 9240                 | 4            | 111        | Be                | ech            | WO                  | od,                  | Ab               | ler                       | 1e, ]                | rx<br>         | 79603                                  |   |              |       | • |          |          |               |              |     |                |          |          |            |
| Company Nam              | (505) 393-2326 FAX (505) 393.<br>BBC International  | 2470                 |              | 525)       | 67.               | 3-70           | 01                  | 44<br>1              | <u>x (</u>       | 325                       |                      |                | 1020<br>L TO                           |   |              |       | ~ | ·        | ANA      | LYSI          | S RE         | QUE | ST             |          |          | · ]        |
| Project Manage           | er: Cliff Brunson   |                      |              |            |                   |                |                     | -                    | P.0              | #:                        |                      |                |  |   | 1            |       | ~ |          | 1        |               | 1            | T   | 1              |          |          |            |
| Address: 13-             | 24 W. Myrland   |                      | ~•····       |            | ****              |                |                     |                      |                  |                           | iny:                 |                |  |   |              |       |   |          | •        | }             |              | ļ   |                |          |          |            |
| - City: Hobb             |   | 1 Zi                 | p: 9         |            | 24                | n              |                     |                      | Attr             |                           | <u></u>              | 7              | ^                                      |   | 1            |       |   | }        |          | }             | ŀ            |     |                | } .      |          |            |
| Phone #: 57              | 5-377-638A Fax#: 50   |                      |              |            |                   |                | ~                   |                      |                  | ires                      | -(-<br>              | 1-<br>\        | 1 N                                    | TE-                                     |              |       |   |          |          |               |              | Í   |                |          | }        |            |
| Project #:               | Project Owr   | er:                  | ĪŶ           | ].         | Ĭ                 |                | <br>~               | -+                   | City             |                           | 3.<br>29             | _ر             |  |   | 1            |       |   |          | [        |               | (            | [   | 1              | ļ        |          |            |
| Project Name:            | Scratch St Com  |                      | <u> </u>     |            | 1-2               | 101            |                     |                      | Stat             |                           |                      |                | Zip:                                   |   |              |       |   | {        | ļ        | ļ             |              |     | }              | }        | }        |            |
| Project Locatio          | n: Maljamar   | ····                 |              |            |                   |                |                     |                      |                  | ne                        | <br>#1 •             |                | <u> </u>                               |   |              |       | l |          | l l      | ł             | <pre>{</pre> |     | }              | 1        |          | {          |
| Sampler Name             | Annu Ruth   |                      |              |            |                   |                |                     | ~                    | Fax              |                           | <del>.</del>         |                |  |   | 1            |       |   |          |          |               |              | ł   | }              |          |          |            |
| FOR LAD USE COLY         |   | T                    | T            | T          |                   | MAT            | RIX                 | ł                    | _                | _                         | SER                  | ⊽¶             | SAMPLI                                 | NG                                      | 1.           |       |   |          |          |               |              |     |                | ł        |          |            |
|                          |   | MD                   | 1            | 1 m        |                   |                |                     | Ī                    |                  |                           | Ţ                    | T              |  |   | 12           | ŀ     |   | {        | ł        | }             |              | }   | Ì              | }        | }        |            |
| Lab I.D.                 |   | Įğ                   | ERS          | ATE        | rer               |                |                     |                      |                  |                           | í                    | ł              |  |   | Chloride     |       |   |          | }        | }             |              |     | Ì              |          |          |            |
| LaD I.D.                 | Sample J.D.   | 0 B                  | TAIN         | 1Å         | WA                |                |                     | ш                    |                  | ASE                       | ğ.                   |                |  |   | 12           |       |   |          |          | ł             |              |     |                |          |          | ł          |
|                          |   | RA                   | # CONTAINERS | 1 <u>0</u> | WASTEWATER        | SOIL           |                     | SLUDGE               | Ë.               | ACID/BASE:                | 01120                | Ĕ              |  |   | U            |       |   |          | ۱.       |               |              |     |                |          |          |            |
| H13431-1                 | Mb/I  | C) (C)RAB OR (C)OMP. | E.           | 15         |                   | <i></i> й      | ē                   | 5                    | 5                | 8                         |                      |                | DATE                                   | TIME                                    | ļ            |       |   | <u> </u> | <u> </u> | ↓.            |              |     | <u> </u>       | ·        | <u> </u> |            |
| -7                       | MWI   | G                    | ł            | +          |                   |                | -+                  | -+                   | -                | -+                        | 4-                   |                | 10/2/07                                | 1825                                    | 1-4-         | k     |   | ļ        | <u> </u> |               |              |     | . <del> </del> | ·        | <u> </u> |            |
|                          |   | 13                   | +4-          | ₩.         | <u>├</u> †        |                |                     |                      |                  | }                         | 4                    | -F             | 2/07                                   | 1835                                    | Y.           | {-    |   | <u> </u> |          |               |              | •+  | +              |          |          |            |
|                          |   | +-                   | 1            |            | $\left[ -\right]$ |                |                     | -+                   |                  | +                         |                      | ╉              |  |   |              |       |   |          | <u> </u> | +             | +            |     | +              |          |          |            |
|                          |   |                      |              |            |                   |                |                     |                      | 1                |                           |                      | Ť              |  |   |              |       |   |          | 1        |               | +            | +   | -              |          | 1        | 1          |
|                          |   |                      |              |            |                   |                |                     | Ì                    |                  |                           |                      | 1              |  |   | <u> </u>     |       |   |          | 1        | 1             | 1            |     |                |          |          |            |
|                          |   |                      | ļ.,          |            |                   |                |                     | }                    |                  |                           |                      |                |  |   |              |       |   |          |          |               |              |     |                |          |          |            |
|                          |   | _                    | -            |            |                   |                |                     | 1                    |                  |                           |                      | Ι              | •                                      |   | 1            |       |   |          |          |               |              |     |                |          |          |            |
|                          |   |                      | .            |            |                   |                |                     |                      |                  |                           |                      |                |  |   |              |       |   | Ì        | 1        |               |              |     | <u> </u>       |          |          | }          |
| PLEASE NOTE: LISTING     | nd Otmanes Caudion's Salide, and the structure of the   | 1                    | L            |            |                   |                |                     |                      |                  |                           |                      | ]              |  |   | <u> </u>     | }     |   |          |          |               |              |     |                | <u>}</u> |          | <u>}</u> . |
| SINCO, IO NO EVER STUD C | nd Centages. Cardinal's facility and clear's eaches's namedy in<br>ng Prose for negopaote and any other cause sheepower shall<br>Maland as inclusion incidental or consequent duments includ                                |                      |              | BO UNE     | esa ma            | 1018 I/I 4     | will up             | 31/0 (1              | n: gangi         | 9 (A), C                  | >innina              | : to D         | hin 30 days all w                      | completion of U                         | he spolice   | Ha    |   |          |          |               | •            |     |                |          |          |            |
| Relinguished B           | end one at on tableto to the Easterstands of services have inder th   | Cardina              | l, repn      | disa       | of when           | ៅល <u>្</u> រដ | napricat<br>Ith ela | is, joar<br>win te ô | au lo e<br>Lavez | iat, or 9<br>⊎pon         | למשג על<br>אוזי נולי | proli<br>Lhe a | its incorrect by c<br>above stoled is: | lani, ito eutoktiar<br>Isons ar pinumei | riet.<br>14. | • •   |   |          |          |               |              |     |                |          |          |            |
|                          |   | Re                   | cei          | bsv        | Βγ:               |                |                     |                      |                  |                           |                      |                |  | Phone Re<br>Fax Resu                    | sult:        | D Yes |   | No<br>No |          | Phone<br>Fax# |              |     |                |          |          |            |
| 7.4 - 7.0                | Time:   | 7                    |              |            |                   |                |                     |                      |                  |                           |                      |                |  | REMARK                                  |              | 0 164 |   |          |          | <u></u>       |              |     |                |          |          |            |
| Relinguished B           | Date://DA | Re                   | cej          | ved        | By:               |                |                     |                      |                  |                           |                      |                |  |   |              |       |   |          |          |               |              |     |                |          |          |            |
| Mnul                     | Time:   | 100                  | A            | ~          |                   | 12             | 3                   | _                    |                  | 1.                        | _                    |                |  |   |              |       |   |          |          |               |              |     |                |          |          |            |
| VUelivered dr            | (Circle One)  | 1                    | X            |            | Jamp              |                | ond                 | iüqi                 | A                | $\mathbf{E}_{\mathbf{a}}$ | HEC                  | RE             | D BY:                                  |   |              |       | ، |          |          |               |              |     |                |          |          | •          |
| Sampler · UPS            | - Bus - Other:  |                      |              | : (        | Cool              | In             | lact                |                      |                  |                           | (Ini                 |                |  |   |              |       |   |          |          |               |              |     |                |          |          |            |
| L                        |   |                      |              | ļ          | R'                | res<br>No      | ₹,                  | d5<br>No             |                  | 7                         | ち                    | ۴              | <                                      | •                                       |              |       |   |          |          |               |              |     |                |          |          |            |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE TX 79603

PHONE (\$05) 393-2326 + 101 E. MARLAND + HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 10/24/07 Reporting Date: 10/24/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM

Analysis Date: 10/24/07 Sampling Date: 10/23/07 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: KS

|                 |  | CI       |
|-----------------|--|----------|
| LAB NUMBER      | SAMPLE ID                              | (mg/L)   |
| H13569-1        | MW 1                                   | 2,260    |
| H13569-2        | MW 2                                   | 42,800   |
| H13569-3        | MW 3                                   | 400      |
|                 |  | ·····    |
| ·               | ······································ |          |
|                 |  |          |
| Quality Control |  | 490      |
| True Value QC   |  | 500      |
| % Recovery      |  | 98.0     |
| Relative Percen | Difference                             | < 0.1    |
| METHOD: Standa  | rd Methods                             | 4500-СГВ |

Bista Juppolo

#### H13569 BBC

PLEASE NOTE: Liability and Damagua. Cardinal's liability and client's exclusive remedy for any cleim arising, whether based in contract or tori, shall be limited to the amount paid by client for analyses All claims, including those for negligenise and any other values whereaver shall be dearned waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable aerice, in no event shall Cardinal be liable for incidental to consequential damages, including, without limitation, business interruptions, toss of use, or loss of profile incurred by client, if substance, stillistep or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

| ARDINALL  | ABORATORIE                                 | S, 11                       | NC                  | J                 |            | •          | ,                   |                |                    | ``           |                        |                         |                 |      | <u></u>   |             |                          |   |                               |            |           |                                      |               |
|---|--|-----------------------------|---------------------|-------------------|------------|------------|---------------------|----------------|--------------------|--------------|------------------------|-------------------------|-----------------|------|-----------|-------------|--------------------------|---|-------------------------------|------------|-----------|--------------------------------------|---------------|
| 2111 Beachwoo<br>1915) 673-700  | d, Abilene, TX 798(<br>1 Fax (915) 673-701 | )3 1<br>20 4                | 101 I<br>101        | East              | Mer<br>222 | land       | , Ho                | bbs            | , Nñ               | H 88240      |                        | •                       |                 |      |           |             |                          |   |                               | . )        | .         | i                                    |               |
| Company Name: BBA 7   | nternation.                                | 51                          |                     | nd                |            |            |                     |                |                    |              | Ø                      | <u> </u>                | · · · · · · · · |      |           | AN          | AL VS                    | SIS R                                   | Pa                            |            |           |                                      |               |
| Project Managers Cliff  | Srunson                                    | ¥el                         | یلیمیل<br>ز         |                   | <u>.</u>   |            | فيتشاده             | ), 余           |                    |              |                        |                         | <del>م ب</del>  |      |           |             | 7                        | 10 1                                    | 1                             |            |           |                                      | <del></del>   |
|   | Tarland                                    | i                           |                     |                   |            |            | 00                  | n<br>DB        | hy;                |              |                        |                         |                 |      | - {       |             | \$                       | 1                                       | ł                             |            | 1         |                                      |               |
| cny: Hobbs  | Stats: N/N                                 | ZIp:                        | 8                   | 82                | 40         |            | Att                 | <u>/</u><br>n; |                    | 000          | P                      | 1                       | }               |      |           |             |                          | ł                                       |                               |            | }         | {                                    |               |
| Phone F. 505-397-63   | 388 Fex#: 505                              | -3                          | 97.                 | - 0               | 39         | 7          | Ad                  | Ince           | 4 <u>7</u>         | HIM          |                        | 1                       |                 |      | }         | ł           | }                        |   | } .                           |            | 1         | ŀ                                    | <pre>{</pre>  |
| Pioject #   | Project Oymer                              | - M                         | ar                  | bo                | 2          |            | Сњ                  | <i>!</i> :     | $\sim$             |              |                        | ]                       | ·.              | }.   |           |             |                          |   |                               | <b>}</b> . | }         |                                      |               |
| Project Mamer Saratah   | St. Com #                                  | Lie                         |                     |                   | ····       |            | Sta                 | lo:            |                    | Zip:         |                        | ]                       | ł               |      |           |             | .                        | }                                       |                               |            | ļ         | <b>.</b>                             | }             |
| Project Location: Maljay  | nar, NM                                    | i<br>محمد                   |                     |                   |            |            | Pho                 | 11-12-11       | l;                 |              |                        |                         |                 |      | }         |             |                          |   | }                             |            |           |                                      |               |
| Samplar Name: Amy R   | wth  | r                           |                     |                   |            |            | Fax                 | -              |                    |              | 1.000                  | }.                      | 1               |      |           |             | (                        |   | <b>.</b>                      | {          | }         | }                                    | 1             |
| POF. WE USE CALY  |  | d.                          | 1                   | TT                | T          | Î          | Γľ                  | T              | IERY               | - SANG       |                        | 8                       | { .             |      | }         | 1           |                          | 1                                       |                               |            | }         | }                                    | ]             |
|   |  | 200                         | GROUNDWATER         | Ш.                |            |            |                     |                |                    | } .          |                        | bri                     |                 | ļ. – | • }       |             |                          |   | }                             |            | }         | ł                                    | 1             |
| Lab I.D. Samp   | le J.D.                                    | ANE A                       | MA                  | F¥                | 15         |            |                     | ij į           | <b>;</b> ].,       |              |                        | 2                       |                 | {    |           |             | 1.                       |   | <pre>{</pre>                  | ļ          | 1         |                                      |               |
|   |  | S)RAB OR (C)O<br>CONTAINERS | E S                 | WASTEWATER        | CRUDE OIL  | SLUDGE     | ather:              |                | STHER:             | }            |                        | 8                       |                 |      | {         | 1           | 1                        | ł                                       |                               |            | }         | ]                                    |               |
| HISTOMMUT   |  | D D KGRAB OR (C) ONP        | 15                  | 3 p               | 18         | 15         | 5                   | 13             | 15                 | 19230        |                        | -                       | <u> </u>        |      |           |             | $f \rightarrow$          |   | fii                           |            |           |                                      |               |
| -7 MW 2   |  | GI                          | ŤŽ                  | 6                 | +          | $\uparrow$ |                     | ť              | ≁                  | 10/23/0      | 1350                   |                         | ,               |      | +         |             |                          | . <b></b>                               | :                             |            | <u> </u>  | }                                    | <u> </u>      |
| -3 MW3  |  | GII                         | Ň                   |                   |            | 1          |                     | V              | 1                  | 10/2=10-     | 1210                   | $\overline{\mathbf{A}}$ |                 |      | 1         | 1           | 1                        |   | 1                             |            | 1.        |                                      |               |
|   |  | _i                          | $\left  - \right $  |                   | 1          | H          |                     |                | [                  | [            |                        |                         |                 |      | $\square$ |             | ļ                        | ļ                                       | 1.                            |            |           |                                      |               |
|   |  | -4                          | +                   |                   | +          | ┝─┠        |                     | +              |                    |              |                        |                         |                 |      |           |             |                          | +                                       | freeder                       |            |           | ├                                    | ┼──┤          |
|   |  | -i]                         | +                   |                   | +          | ┝━╋        |                     | +              | $\left  - \right $ |              | +                      | -+-                     |                 |      | +         | +           | <u> </u>                 | +                                       | f-i-                          | <u>}</u>   | <u>  </u> | •••••••                              | i             |
|   | ·····                                      | -4                          | $\uparrow \uparrow$ | +-                | +          |            | +                   | +              |                    | L            | <u>}</u> †             |                         |                 |      |           | <u> </u>    |                          |   | ±                             |            |           |                                      | <u>├</u> ───┤ |
| h   |  |                             | $\uparrow$          | -                 | $\top$     |            | 1                   | $\top$         |                    |              |                        | ·                       |                 |      |           | 1           |                          |   |                               | •          |           |                                      |               |
|   |  | į                           |                     |                   |            | 1          |                     |                |                    |              |                        |                         |                 |      |           |             |                          | 1.                                      | in 1                          |            |           |                                      |               |
| ארבושב איזדבי ובסביר ביו שנייניים בארבועים בארבועים איזידי איזידע איזידע איזידע איזידע איזידע איזידע איזידע איז<br>ערבועים, איז בייניה זייבניגע איזיע איז היפוסייתה איזע איזי פון<br>אביוניה איז היו הייצי אות באיזידע איז איזידע איזידע איזידע איזידע איזידע איזידע איזידע | THE THE WARD DOWN AND BE descend           | frieder                     | ·                   | de Jranit         | ty mi      | factore    | هټ <del>ر</del> ه ۵ | diret es       | U)H 30             | den site com | فيلحما وبعا الد ومؤلفة | la -                    |                 |      |           | 747<br>30 a | an und Can<br>age punk d | લ્ટે અંગ્રેટ કે<br>ગુપ્ર છું તેનું<br>આ | (21-4-5-C<br>4 2 21-3         | Pe darce   | an te e   | 1.199 (1.240)<br>1.242 (2.41) (2.41) | timeter.      |
| setter a new sold of the set of a parton<br>Sampler Reinquistied:   | even of pervices thereaster by Cardin      |                             | 44 Q ¥t             | and of NX         |            |            |                     |                |                    |              |                        | R: 1                    | D Y ##          |      | No        | •           | Shore 1                  | 11                                      | ر ويوني مينيا<br>سيمياً ليسيد |            | 124,<br>  |                                      |               |
| agithia, itanudoisriod.   | Time:                                      |                             |                     | ,                 |            |            |                     |                |                    |              | Fax Raoukt             |                         | ĴҮн             |      | Ho        | Addil       | BX A:                    | ما مالا میکامی<br>منابع                 |                               |            |           |                                      |               |
|   |  |                             |                     |                   |            |            |                     | <del>.</del>   |                    |              | FEALAULTO :            |                         |                 |      |           |             |                          |   | i<br>I                        |            |           |                                      |               |
| Railinguished By  | 10/24/07                                   | PCBY                        | មូល ភ្នា            | y;j∟i             | 40 51      |            | 1,                  | $\sim$         |                    | /            |                        |                         |                 |      |           |             |                          |   |                               |            | ۰.        |                                      |               |
| Nmy And   | Time:<br>812                               | / _                         | щą                  | 5                 | Ŷ          | 4          |                     | Ŷ              | Ð                  | Ŷ            | ,                      |                         |                 |      |           |             |                          | ;                                       | i<br>I                        |            |           |                                      |               |
| Delivered By: Torole One)   | · ·  |                             | Co                  | ndrla i<br>Iol li | ntugt      |            |                     | CHE<br>        | CKE<br>nkla        | D 84;<br> s] |                        |                         |                 |      |           |             |                          | 1.                                      | 1                             |            |           |                                      |               |
| Sampler - UPS · Bus · Other:  | •  | ļ                           | D                   | No.               | ØY         | 80         |                     | 1              |                    | .            |                        |                         |                 |      |           |             |                          |   | ,                             |            |           |                                      |               |
|   |  | سامعصه                      | L                   | 1 ND              | أسلسل      | la         | Leanner             |                |                    | www.         |                        |                         |                 |      |           |             |                          |   | مستلحه                        |            |           |                                      | ليستنب        |

† Carolinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



PHONE (575) 393-2326 . 101 E. MARLAND . HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 12/04/07 Reporting Date: 12/05/07 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM

Analysis Date: 12/05/07 Sampling Date: 12/04/07 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: HM

|                 |              | C                          |
|-----------------|--------------|----------------------------|
| LAB NUMBER      | SAMPLE ID    | <br>(mg/L)                 |
| H13842-1        | MW1          | <br>512                    |
| H13842-2        | MW2          | <br>42,400                 |
|                 |              | <br>                       |
|                 |              |                            |
|                 |              | <br>                       |
|                 |              | <br>                       |
|                 |              | <br>·                      |
| ·               |              | <br>                       |
|                 |              | ·                          |
| Quality Control |              | <br>500                    |
| True Value QC   |              | 500                        |
| % Recovery      |              | 100                        |
| Relative Percer | t Difference | <br>< 0.1                  |
|                 |              | <br>                       |
| METHOD: Standa  | rd Methods   | <br>4500-CI <sup>-</sup> B |

to Inputs

12 Date

#### H13842 BBC

PLEASE NOTE: LIability and Demages. Cardinal's liability and client's exclusive remedy for any claim erising, whether based in contract or ton, shall be limited to the amount paid by client for energyses. All cleares, including those for negligence and any other cause wheteover shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardiniti be liable for incidental or consequential damages, including, without limitetion, business interruptions, loss of use, or loss of profils incurred by client, its subplicities, efficiency or successors arising out of or releted to the performance of services heleunder by Cardinal, regardless of whether such cleare is based upon any of the above-stated reasons or otherwise.

|   | •  |  |                      |  |
|---|--|--|----------------------|--|
|   | DIRA UNA   | CHA  | N-OF-CUSTODY AN      | D ANALYSIS REQUEST   |
| ARDINAL LABORATO  | RIES, INC.   |  | :                    | ELECTRE GO EST   |
| 2111 Béechwood, Abilene, TX<br>(915) 673-7001 Fax (915) 67  | 79603 101 East Harlan  | d, Hobbe, NM 88240                                     |                      |  |
| Company Name: BBC Internation   |  | τα (605) 393-2478<br>[[]] <i>BfLL TQ</i> ]             |                      | Psosor   |
| EDI _ THEFT   | oud Inna   | P.O. #   | ANA                  | YSIS REQUEST   |
|   |  |  |                      |  |
| Address: 1324 W. Marland  | 10.4 . 1 . M 17 - 1 .  | Company:   | _                    |  |
|   | NMZ10- 88240   | Atto: AAAAA  |                      |  |
| Phone 505-347-6388 Fax# 1   |  | Addrees  |                      |  |
|   | dod vellar bob   | CHy:   |                      |  |
| Projuci Nema: Scratch St. Com   | #1   | State: Zlp:  |                      |  |
|   | IM !   | Різогия 🕫 :  |                      |  |
| Sempler Name: Amy Kuth  |  | Fax #:   |                      |  |
| ionuausion J  | 0 MATRIX   | PRESERV SAMPLING                                       | 2.                   |  |
|   | OR (C) OMP<br>ANNERS.<br>IDWATER<br>MATER  |  |                      |  |
| Lab I.D. Sample J.D.  | (G) PAB OR (C) ON<br># GONTAINERS<br>GROUNDWATER<br>WASTEVIATER<br>SOUL  |  | peri                 |  |
|   | (G) P.A.B. OR (G) P.A.B. OR (G) P.A.B. OR (G) P.A.B. OR (G) P.M.M. (G) P.M. (G) P.M.M. ( | DATE TIME  | 4                    |  |
|   | (G)PAB<br>FROUH<br>SROUH<br>MASTE<br>SOIL<br>CRUOE   |  |                      |  |
| 113842-1 MWI  | GIN  | J. 12/4/07 1410  |                      |  |
| -XMW2   | GIV  | 174/07/1420  |                      |  |
|   |  |  |                      |  |
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|   | <b>╶╌┼╌ŧ┼┉╎╼┼╼┼</b> ╼┼╼┥╌╴   | I} <u></u>    -  |                      |  |
|   | ┼ <del></del> ┼ <del>╸</del> ┼┦╺-┼╍ <mark>┾</mark> ╍┟╌╸  |  |                      | frank in a line in the second  |
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|   | <u>─┤</u> ─ <u>}</u> ─ <u>}</u> ─ <del>}</del> ─ <del>}</del> ─ <del>}</del> ─ <u></u> }─ <u></u> }─   |  |                      |  |
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| aquished by: 1 Date: 4/0  | Z Nil /  |  |                      |  |
| aquished by:<br>May Charles The Control | 2 Nil /  | CHECKED BY:<br>(Intiala)                               |                      |  |



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 01/24/08 Reporting Date: 01/25/08 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALJAMAR, NM Analysis Date: 01/25/08 Sampling Date: 01/24/08 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: KS

|                 | <i>.</i>                              | C C       |
|-----------------|---------------------------------------|-----------|
| LAB NUMBER      | SAMPLE ID                             | (mg/L)    |
| H14155-1        | MW1                                   | 35,200    |
| H14155-2        | MW2                                   | 44,400    |
|                 | · · · · · · · · · · · · · · · · · · · |           |
|                 |                                       |           |
|                 |                                       |           |
|                 |                                       |           |
| Quality Control |                                       | 500       |
| True Value QC   | · .                                   | 500       |
| % Recovery      |                                       | 100       |
| Relative Percen | t Difference                          | < 0.1     |
| ETHOD: Sitanda  | rd Methods                            | 4500-CI'B |

Date

#### H14155 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyse: All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicabl service. In no event shall Cardinal be llable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 Company Name: BR BILL TO ANALYSIS REQUEST Internations Project Manager: Tiff Brunson P.O. #: Marl Address: 1324 and Company: City: Hobbs State: NM Zip: 88260 Attn: Phone #: 505- 397- 4388 Fax #: 505-397-0397 Address: Project Owner: Narba Project #: City: on # Project Name: Sdy State: Zip: Project Location: N. aliamar  $-\infty W$ Phone #: s) Sampler Name: Fax #: **M**-1 0 FOR LABUSE ONLY MATRIX PRESERV SAMPLING GROUNDWATER # CONTAINERS WASTEWATER C-(G)FAB OR (C) Lab I.D. Sample I.D. ICE / CODI ACID/BASE SLUDGE OTHER OTHER SOL ы DATE TIME H14150-MLI 1245 MW2 G 1/108 -2 H30 PLEASE NOTE: Liability and Damages. Cardinal's kability and cleant's exclusive remedy for any claim arising whether based in contract or tart, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whebaever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable In no event Statt Cardme Log liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Infinitives or funderssors being out of or Manded to the performance of services hereunder by Catchinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished E D No Date: Received By: Phone Result: O Yes Add'l Phone #: 1-24-08 Fax Result: D No O Yes Add'l Fax #: Time: 3:55 REMARKS: Amr peulshed By Date: Received BA Time: Delivered By: (Circle One) Sample Condition CHECKED BY: Cool Intact Sampler - UPS - Bus - Other: Ħ No 🗌 No

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

ŧ. 2

Receiving Date: 04/15/08 Reporting Date: 04/15/08 Project Owner: MARBOB Project Name: SCRATCH ST. COM #1 Project Location: MALIAMAR, NM Analysis Date: 04/15/08 Sampling Date: 04/14/08 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: KS

|                 |              | C        |
|-----------------|--------------|----------|
| LAB NUMBER      | SAMPLE ID    | (mg/L)   |
| H14646-1        | MW1          | 14,600   |
| H14646-2        | MW2          | 48,800   |
|                 |              |          |
|                 |              |          |
|                 |              |          |
|                 |              |          |
| Į .             |              |          |
| j               |              |          |
| 1               |              |          |
|                 |              |          |
| Quality Control | :            | 500      |
| True Value QC   |              | 500      |
| % Recovery      |              | 100      |
| Relative Percen | t Difference | 2.0      |
|                 |              |          |
| METHOD: Standa  | rd Methods   | 4500-CFB |

115108 Date

#### H14646 BBC

PLEASE NOTE: Liability and Damages. Conditiit's isbility and client's exclusive ramedy for any claim arising, whether based in contract or tort, shell be limited to the amount paid by client for analyses. All claims, including those for moligence and any other cause whatsoever shall be deemed waived unless fielde in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without timitation, business instructions, loss of use, or loss of profils incurved by client, its subcidiares, affidates or successors arising out of or related to the performance of services hereunder by cardinal, regardlass of whether sout claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written epproval of Cardinal Laboratories. RDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|                           | 101 East Marland, I   |                              |                  |                             |                                       |             |                    |                   |                |               |                         |                    |           |          |             |             |              |   |             |          |          | •        |              |     |          |
|---------------------------|---|------------------------------|------------------|-----------------------------|---------------------------------------|-------------|--------------------|-------------------|----------------|---------------|-------------------------|--------------------|-----------|----------|-------------|-------------|--------------|---|-------------|----------|----------|----------|--------------|-----|----------|
| Company Name              | (505) 393-2326 F  |                              |                  |                             |                                       |             | FAX                | (3:               |                |               |                         |                    |           |          |             |             |              |   |             |          |          |          |              |     | -        |
| Project Manage            |   | rnation                      | ×1,              | L                           | nC                                    |             |                    | .0.1              |                | 51            | LL TO                   |                    | <b>,</b>  | ·        | <del></del> | <del></del> | ANA<br>T     | LYSI  | <u>5 RI</u> |          | ST       |          | ·····        |     | -        |
|                           |   | unson                        |                  |                             |                                       |             |                    |                   |                |               |                         |                    | ł         |          | 1           | ł           |              |   | 1           |          |          | 1        | 1            | }   |          |
| Address: 132              |   | rland                        |                  |                             |                                       |             |                    |                   | any            | :             |                         | ¥                  | 1         |          | 1           |             |              |   |             |          | ł        |          |              |     |          |
| city Hob                  |   | State: NM                    | -                |                             | _                                     | -           |                    | ttn:              | · · · ·        |               | Uhi.                    | <u> </u>           |           |          |             |             | 1            | 1   |             |          |          |          |              |     |          |
|                           | 5-397-6388  |                              |                  |                             |                                       |             |                    |                   | ess:/          | $\frac{1}{2}$ | <u>r</u>                |                    |           |          |             |             |              |   |             |          |          | ]        | Į            |     |          |
| Project #:                | <u> </u>  | Project Owner                | ·M               | ar                          | 200                                   | . <u></u>   | C                  | lty:              |                | _             |                         |                    |           |          | {           | }           | }            | l   |             |          |          |          | 1            |     |          |
|                           |   |                              |                  | State: Zip:                 |                                       |             |                    |                   |                |               | [                       | · ·                |           | [        | ]           | [           |              | ĺ   |             |          |          |          |              |     |          |
| Project Locatio           |   | NM_                          |                  | ····                        | · · · · · · · · · · · · · · · · · · · |             |                    |                   | e #:           |               |                         |                    |           |          |             |             |              |   |             |          |          |          |              |     |          |
| Sampler Name:             | Amy Ru  | <u>th</u>                    | r                | <u> </u>                    | M                                     | ATRIX       | -                  | ax #              | RESE           | AV.           | SAMPLI                  |                    | <b> </b>  | <u> </u> |             | <u>.</u>    |              |   |             |          |          |          | ]            | {   |          |
| FUEL DE DE SALT           |   |                              | e,               |                             | <u>ורד</u>                            | 1           | Ì Ì                |                   | Ī              |               |                         | <u> </u>           | -3        |          |             |             |              | 1   |             |          | -        |          |              |     |          |
| 2                         |   |                              | (G)RAB OR (C)OMP | S H                         | l 🖬 📔                                 |             |                    |                   |                |               | 1                       | }                  | 1 ~       | ł        |             |             | 1            | 1   |             |          |          |          | 1            |     |          |
| Lab I.D.                  | Sample  | 1.D.                         | В                | AN AN                       | ₩.                                    |             | ]                  | jų                | đ              |               | {                       | •                  | 2         |          | ļ           |             |              |   |             |          |          | 1        |              |     | <b>.</b> |
|                           |   |                              | S.               | # CONTAINERS<br>GROUNDWATER | WASTEWATER                            |             | SLUDGE             |                   | ICE / CODL     | DTHER         | · ·                     | 5                  | CAR       |          | }           | 1           |              | Į   | Į           |          |          |          | -            | 1.  |          |
|                           |   |                              | Ō                | <u>*</u> 8                  | N.                                    | <u> </u>    | 12                 | 2 S               | <u> </u>       | 5             |                         | TIME               | h         | e_       | ļ           | 1           |              |   | <u> </u>    | <u> </u> | <u> </u> |          |              |     |          |
| H14646-1                  | MW  |                              | G                | ╧╡┷                         |                                       |             | ╞╌┟╌               |                   | K              | e             | 4.14.08                 |                    | 1         | <u>}</u> |             |             | <b> </b>     | 1   | <u> </u>    |          | \        | <b> </b> |              |     | -        |
|                           | MW2   |                              | G                | <u>1</u>                    | 1-+                                   |             |                    |                   | $ \mathbf{Y} $ |               | 4.14.08                 | 1833               |           |          | ·[          | <u>+</u>    |              | <u>_</u>                                      | <b> </b>    | ·        |          | <b> </b> | {            | [   | 1        |
|                           | -   |                              | ┞╌┤              |                             | ┼─╄                                   |             | $\left  - \right $ |                   |                |               |                         | <u> </u>           | <b>[</b>  | ┣━-      | ╄           |             |              | <b></b>                                       |             |          |          |          |              |     | -        |
|                           |   |                              | ┼╌╂              |                             | $\square$                             | +-          | $\dagger \dagger$  | ╎                 |                |               |                         |                    |           | <u> </u> | <u> </u>    | +           | <u> </u>     | 1   |             |          |          | {        | <u> </u>     |     |          |
|                           |   |                              |                  |                             |                                       | 1           |                    |                   |                |               |                         |                    | 1         |          | 1.          | ·   · ·     | +            |   | 1           |          |          | 1        |              |     | 1        |
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| Relinguished              | sing out of or calated to the performen   | ce of sprices hereunder by C | wdinal,          |                             | s of whel                             |             |                    |                   |                |               |                         |                    | N.        |          |             | No          | <b>A</b> ddu | Phone   | <u>и</u> .  |          |          |          |              |     | 4        |
|                           |   | 4-15-08                      | 4                | 1                           | 1-                                    | l           | $\langle \rangle$  | ļ                 | Ś              | L             | •                       | Fax Resu<br>REMARK | h;        | O Ye     |             | No          |              | Fax #:  |             |          |          |          | <del>~</del> |     | <b>1</b> |
| Mmile                     | Enth  | Thomas IO                    | <u> </u>         | $\mathcal{M}$               | A                                     | 1           | N                  | $\underline{\nu}$ | in             | 1             |                         | I REIDANN.         | 3.        |          |             |             |              |   |             |          |          |          |              |     |          |
| Relinquished              | 3γ: v   | Dale:                        | Kec              | celviec                     | I BYY                                 | }           |                    |                   |                |               |                         | ĺ                  |           |          |             |             |              |   |             |          |          |          |              |     |          |
|                           |   | Time:                        |                  |                             |                                       |             |                    |                   |                | •             |                         | · ·                |           |          |             |             |              |   |             |          |          |          |              |     | 1        |
| Delivered B               | Y: (Circle One)   |                              |                  | ;                           | Sem                                   | Into        | et.                | ין                |                |               | (ED BY;<br>Bais)        | ]                  |           |          |             |             | ·.           |   | •           |          |          |          |              |     | 1        |
| Sampler - UP              | S - Bus - Other:  |                              |                  | i                           | - F35                                 | 191 19      | Yes                |                   | . 1            | Ì             | ng B                    | ]                  |           |          |             |             |              |   |             |          |          |          |              | • . | 1        |
| L                         |   |                              |                  |                             | ╶╌┝╾┥╌                                | No 🗌        | NO                 |                   | <u> </u>       | -0            | <u> XX</u>              | <u>  </u>          |           |          |             | <b></b>     |              |   |             |          |          |          |              |     | 1        |

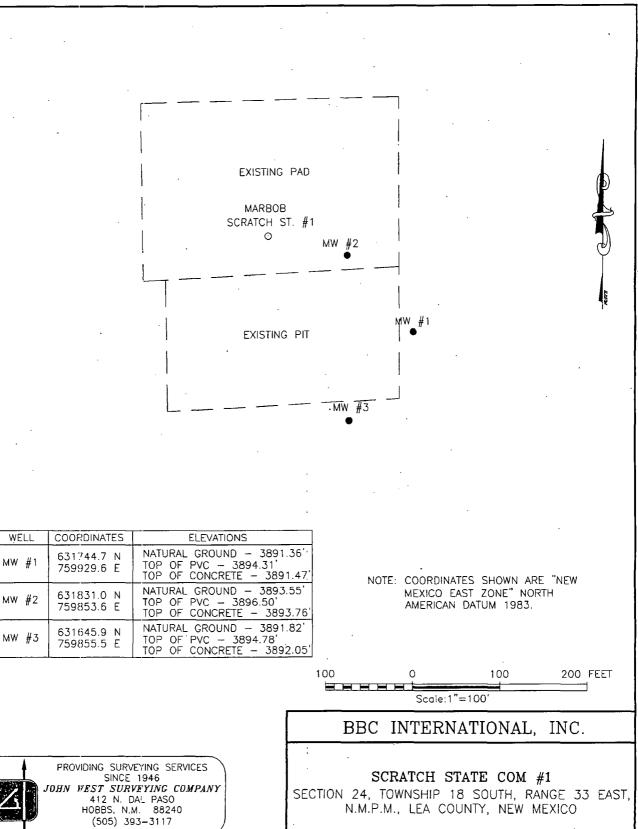
1 Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478

RECEIVED 04/15/2008 02:57 5053970397

BBC

INTERNATIONAL

30-025-36996



| Survey Date: 10/22/007 Sheet 1 of 1 She     | ets |
|---|-----|
|   |     |
| W.O. Number: 07.11.1397 Drawn By: L.A.      |     |
| Date: 10/26/07 DISK: CD#6 07111397 REV:8/7/ | 08  |

·

#### VonGonten, Glenn, EMNRD

| From:    | Cliff P. Brunson [cbrunson@bbcinternational.com]               |
|----------|--|
| Sent:    | Thursday, August 14, 2008 5:46 PM                              |
| To:      | VonGonten, Glenn, EMNRD  |
| Cc:      | Price, Wayne, EMNRD; Ken Swinney; Jennifer Gilkey; Amy C. Ruth |
| <b>.</b> |  |

Subject: RE: Marbob Scratch State

Attachments: SCRATCH STATE COM #1-1.pdf; Activities Summarty-Scratch State Com 1.pdf; Lab Data-4-15-08.pdf; Lab Data 1-25-08.pdf; Lab Data 8-14-07.pdf; Lab Data 9-11-07.pdf; Lab data 9-27-07.pdf; Lab data 9-28-07.pdf; Lab data 10-1-07.pdf; Lab data 10-2-07.pdf; Lab data 10-23-07.pdf; Lab data 12-4-07.pdf; MW1 soil boring data-Sept. 10, 2007.pdf; MW2 soil boring data-Sept. 27, 2007.pdf

Glenn,

Attached are several files per your request. One is an activities summary that will correlate the lab data and the site diagram. I have been out of town all week until this afternoon otherwise I would have sent it at the beginning of this week.

Cliff

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by collect telephone call to (505) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland Blvd. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-6388 Fax: (575) 397-0397 E-mail: cbrunson@bbcinternational.com Web: www.bbcinternational.com

From: VonGonten, Glenn, EMNRD [mailto:Glenn.VonGonten@state.nm.us]
Sent: Thursday, August 14, 2008 4:58 PM
To: Cliff P. Brunson
Cc: Price, Wayne, EMNRD
Subject: RE: Marbob Scratch State

#### Blank

#### Cliff,

OCD still has not received the required information. If OCD does not receive it by 5:00 pm, August 15, 2008, your client will receive a Letter of Violation the following Monday. No more delays will be accepted.

Glenn von Gonten Senior Hydrologist Environmental Bureau Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 37505 505-476-3488 fax -476-3462 glenn.vongonten@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Monday, August 04, 2008 3:36 PM
To: VonGonten, Glenn, EMNRD
Cc: Price, Wayne, EMNRD
Subject: RE: Marbob Scratch State

Glenn,

I am gathering the information to send to you. I apologize for the delay. Amy has been taking care of this site and she has both been on vacation and out for medical reasons for a while. It had put us even more short staffed, but she is back now and we are getting caught up. The information should be sent to you very soon. Appreciate your understanding.

Cliff

From: VonGonten, Glenn, EMNRD [mailto:Glenn.VonGonten@state.nm.us] Sent: Monday, August 04, 2008 3:01 PM To: cbrunson@bbcinternational.com Cc: Price, Wayne, EMNRD Subject: Marbob Scratch State

#### Cliff,

Just a reminder, OCD needs copies of all analytical results for the Marbob Scratch State. If ground water has been impacted then OCD will require either a remediation plan or an abatement plan depending on whether ground water standards have been exceeded. Marbob was required to submit an amended C-141 when it received its analytical data, which makes it potentially out of compliance for the past 10 months. Please submit the data immediately.

Glenn von Gonten

Senior Hydrologist Environmental Bureau Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 505-476-3488 fax -476-3462 glenn.vongonten@state.nm.us

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This inbound email has been scanned by the MessageLabs Email Security System.

|   | 30   | 0-025-36996  |
|---|--|--|
| ,   |  |  |
| 16/3 N French Dr. Hobbs NIV XX/40   | e of New Mexico<br>rals and Natural Resources  | Form C-141<br>Revised October 10, 2003   |
| District III<br>1000 Rio Brazos Road, Aztec, NM 87410<br>District IV  | nservation Division<br>outh St. Francis Dr.<br>ta Fe, NM 87505   | Submit 2 Copies to appropriate<br>District Office in accordance<br>with Rule 116 on back<br>side of form   |
|   | Hor and Corrective Ac  | tion   |
|   | OPERATOR   | Initial Report Final Report  |
| Name of Company MARby ENERGY Corp.<br>Address P.O. Box 227 Actoria n.M. 88211<br>Facility Name Scratch State  | Contact C/1H Brinso  | m - BBC International<br>97-6388   |
| Surface Owner State OF N.M Mineral Ow   | ner State  | Lease No.  |
| LOCAT   | North/South Line Feet from the<br>North 660  | East/West Line County<br>WEST LEA.   |
| Latitude  | Longitude  | ·  |
|   | RE OF RELEASE  |  |
| Type of Release P: + Liner<br>Source of Release P: +  | Date and Hour of Occurrence  |  |
| Was Immediate Notice Given?<br>Was Immediate Notice Given?<br>By Whom? Dance French & Cluff Bronson<br>Was a Watercourse Reached?   | If YES, To Whom?   | - Phone & WAYNE Price-email  |
| Yes No  | VKnow  |  |
| If a Watercourse was Impacted, Describe Fully.*<br>Do not Know the extent of 5  | Emplacts At this   | time   |
| Describe Cause of Problem and Remedial Action Taken *<br>Compromised Pit - WAS IN the process<br>Chibrides. Forty feet Berbu grand Surfa  |  | . 1  |
| Describe Area Affected and Cleanup Action Taken *<br>Unknew N At this time. Must of the<br>Side of Pit Leas fice of chlore  | Pit material has   | been semand. The breek   |
| Sicle of $P_{i}$ but the information given above is true and complet<br>regulations all operators are required to report and/or file certain rele<br>public health or the environment. The acceptance of a C-141 report<br>should their operations have failed to adequately investigate and rem<br>or the environment. In addition, NMOCD acceptance of a C-141 rep<br>federal, state, or local Taws and/or regulations. | te to the best of my knowledge and un<br>ease notifications and perform correct<br>by the NMOCD marked as "Final Re<br>nediate contamination that pose a threa | ive actions for releases which may endanger<br>port" does not relieve the operator of liability<br>at to ground water, surface water, human health |
| Signature: Kang hunch   | <u>OIL CONS</u>  | ERVATION DIVISION  |
| Printed Name: Rand FRENCH   | Approved by District Superviso   | r:   |
| Title: Wildlife Biologist   | Approval Date:   | Expiration Date:   |
| E-mail Address: Wildlife C. MARbob. Com   | Conditions of Approval:  | Attached   |
| Date: 8/24/07 Phone: 748-3303   |  |  |

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88240 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office

Form C-144 March 12, 2004

| Type of action: Registration of a pit  |   | o 🔲<br>rade tank 🛛   |
|--|---|--|
| operator: Marbob Energy Corporation  | Telephone: 505-748-3303 e-r   | nail address: land2@marbob.com   |
| Address: PO Box 227, Artesia, NM 88211-0227  |   | 1980' FNL & 660' FWL   |
| acility or well name: Scratch State Com #1   | API#: <b>30-025-36996</b> U/L or Qtr/Qtr  | SWNW Sec 24 T 18S R 33E  |
| County: Lea LatitudeLongitude  | NAD: 1927 🗖 1983 🗍 Surface Ov   | vner Federal 🔲 State 🛛 Private 🔲 Indian 🗍  |
| 211  | Below-grade tank  |  |
| Type: Drilling 🛛 Production 🗖 Disposal 🗖   | Volume:bbl Type of fluid:   |  |
| Workover 🔲 Emergency 🗍   | Construction material:  | _  |
| ined 🛛 Unlined 🔲   | Double-walled, with leak detection? Yes 🔲 If n  | ot, explain why not.   |
| .iner type: Synthetic 🛛 Thickness 👖 mil 🛛 Clay 🔲 Volume  |   |  |
| bbl  | · · ·   | 4.5878g  |
| Donth to provide where (section) distance from between statistic sectors of high   | Less than 50 feet   | (20 points)  |
| Depth to ground water (vertical distance from bottom of pit to seasonal high   | 50 feet or more, but less than 100 feet   | (10 points)  |
| vater elevation of ground water.)  | 100 feet or more  | ( 0 paints) Appoints   |
| ·····  | Yes   | (20 points) Hobbs  |
| Vellhead protection area: (Less than 200 feet from a private domestic  | No  | (20 paints) Hobbs Cod  |
| vater source, or less than 1000 feet from all other water sources.)  |   | ( o points) o points   |
|  | Less than 200 feet  | (20 points)  |
| Distance to surface water: (horizontal distance to all wetlands, playas,   | 200 feet or more, but less than 1000 feet   | (10 points)  |
| rigation canals, ditches, and perennial and ephemeral watercourses.)   | 1000 feet or more   | ( 0 points) 0 points   |
|  | Ranking Score (Total Points)  | 0 points   |
| If this is a pit closure: (1) attach a diagram of the facility showing the pit's   |   |  |
| onsite $\square$ offsite $\boxtimes$ If offsite, name of facility Sundance Dispose   |   | •  |
|  |   | -  |
| date (4) Groundwater encountered: No 🗍 Yes 🗍 If yes show depth belo  | - ft and attach same  |  |
| date. (4) Groundwater encountered: No Yes If yes, show depth belo<br>diagram of sample locations and excavations <b>*Drilled 65' test hole</b>   |   |  |
| diagram of sample locations and excavations. *Drilled 65' test hole  | at 865' FNL & 1650' FWL Sec 23-T1   | 8S-R33E. No water encountered  |
|  | e at 865' FNL & 1650' FWL Sec 23-T1<br>INFO<br>my knowledge and belief. I further certify that h  | 8S-R33E. No water encountered<br>(NCO)((USIVE DUC TO PROCE)<br>above-described nit of below-grade tank ho  |
| diagram of sample locations and excavations. *Drilled 65' test hole<br>hereby certify that the information above is true and complete to the best of<br>centwill be constructed or closed according to NMOCD guidelines , a<br>bate: June 6, 2007  | e at 865' FNL & 1650' FWL Sec 23-T1<br>INFO<br>my knowledge and belief. I (wrther certify that the<br>general persite St, or an (attached) alternative C  | 8S-R33E. No water encountered<br>INCOLCUSIVE DUC TO PROCE<br>enhove-described pij or below-grade tank he<br>DCD-approved plan A.   |
| diagram of sample locations and excavations. *Drilled 65' test hole<br>hereby certify that the information above is true and complete to the best of<br>cen/will be constructed or closed according to NMOCD guidelines _, a   | e at 865' FNL & 1650' FWL Sec 23-T1<br>INFO<br>my knowledge and belief. I (wrther certify that the<br>general persite St, or an (attached) alternative C  | 8S-R33E. No water encountered<br>(NCO)((USIVE DUC TO PROCE)<br>above-described nit of below-grade tank ho  |
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| diagram of sample locations and excavations. *Drilled 65' test hole<br>hereby certify that the information above is true and complete to the best of<br>centwill be constructed or closed according to NMOCD guidelines , a<br>bate: June 6, 2007<br>rinted Name/Title: Gerald Herrera<br>our certification and NMOCD approval of this application/closure does not<br>therwise endanger public health or the environment. Nor does it relieve the                       | e at 865' FNL & 1650' FWL Sec 23-T1<br>INFO<br>my knowledge and belief. I (wrther certify that the<br>general persite St, or an (attached) alternative O<br>Signature<br>relieve the operator of liability should the contents o  | 8S-R33E. No water encountered<br>INCOLCUSIVE DUC TO PROCE<br>enhowe-described pil or below-grade tank he<br>DCD-approved plan A.<br>UCCUCG<br>f the pit or tank contaminate ground water or  |
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#### Marbob Energy Corporation Attachment to OCD Form C-144

#### Pit or Below-Grade Tank Registration or Closure

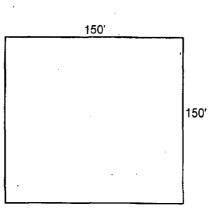
6

Pit Closure

#### Scratch State Com #1

1980' FNL & 660' FWL Section 24 T-18S R-33E Lea County, New Mexico

(1) Facility diagram



- (2) Disposal location: *Truck and haul cuttings to Sundance Disposal.*
- (3) General description of remedial action:
  - a. Use caliche from road and pad to fill pit.
  - b. Use stock piled dirt to cover pit, reseed per landowner's specifications.
- (4) Groundwater encountered:
  - No
  - Drilled an 80' test hole on the Rhoid State #1 well at 330' FNL & 330' FWL Section 24 T-18S R-33E - Water leached into hole to 62'.
     Well Record submitted previously.

(5) Soil sample: SAMPLE PIT BOTTOM FOR CHOPIDE - REMOVE TO ZSO APM

| STAR Elements Der Lie  |   | c  | State of Ne  |   |  |   | Form C-101   |        |
|--|---|--|--|---|--|---|--|--------|
| istrict II   | bbs, NM 88240   |  |  |   |  | _   | Permit 3371  |        |
| 301 W. Grand Ave., A   | utesia, NM 88210  |  |  |   | al Resources   | <b>,</b> .  | •  |        |
| <u>istrict III</u>   |   |  | 1 Conserva   |   |  |   |  |        |
| 000 Rio Brazos Rd., 1<br>Vistrict IV   | MA 8/410  | 1  | 220 S. St  | • *   |  |   |  |        |
| 220 S. St. Francis Dr.,  | Santa Fe, NM  |  | Santa Fe, N  | VM 875  | 505  |   |  |        |
| 7505   |   |  |  |   |  |   |  |        |
|  | Δ   | PPLICATION FO  | R PERM   | тт то   | DRILL  |   |  | ·      |
| (1997) (S. 1997)   | 4   |  |  |   |  |   | RD Number  |        |
|  |   | Operator Name and Address  |  |   |  |   | 14049  |        |
| VIARBOB ENER(<br>PO Box 227  | JY CORP   |  |  |   |  | (†  | API Number   |        |
| Artesia, NM 882  | 11-0227   |  |  |   |  |   | 025-36996  | -      |
| Dura untra Code  | 1   | Property 1   | Manna  |   |  | )]<br>[[  | Well No.   | -      |
| Property Code<br>34465   |   | SCRATCH ST   |  |   |  |   | 001  |        |
| 141.1  |   |  |  |   |  | <u>.</u>  |  |        |
| 1  |   | Surfac   | e Location   | L -   | ••••••••••••••••••••••••••••••••••••••   | 4   |  | -      |
| UL or Lot Section  | n Township  | Range Lot Idn F  | Feet From  | N/S Line  | Feet From  | E/W Line  | County   | · .    |
| E    24  | 185   | 33E   E  | 1980   | N   | 660  | W   | Lea  | ļ      |
|  |   | _  |  |   |  |   |  |        |
|  |   |  | osed Pools   |   |  |   | ·  | ,<br>  |
| ORBIN;MORRO  | w, SOUTH (GAS   | טאחכו נכ   |  |   |  |   |  |        |
|  |   |  |  |   |  |   |  | 2      |
| Work Type<br>New Well  | Well Type<br>GAS  | Cable/R  | otary  |   | Lease Type<br>State  | Groun   | d Level Elevation<br>3893  |        |
|  |   |  |  |   |  | i/  |  |        |
| Multiple<br>N  | Proposed Deg<br>13900   | pth Forms<br>Morr  |  |   | Contractor   | •   | Spud Date<br>12/15/2004  |        |
|  | 1   |  |  | 1   |  |   | 12/17/2004   |        |
|  |   | Proposed Casing  | and Cemer  | nt Pmo  | ram  |   |  |        |
| Type Hole Si   | ze Casing Size  |  | Setting I  |   | Sacks of Ce  | ment  | Estimated TOC  |        |
| Surf 17.5  |   | 48   | 30   |   | 300  |   | 0  |        |
| Inti 12.2  | 5 8.625   | 32   | 490  | 00  | 1400   |   | 0  |        |
| H  |   | and the second s |  | · · · · · · · · · · · · · · · · · · ·   |  |   | and the second sec |        |
| Prod 7.87  |   | 17   | 139  | 00  | 950  |   | 0  |        |
|  | 5 5.5   |  |  |   |  |   | 0  |        |
| Prod 7.87.   | 5 5.5<br>C  | asing/Cement Progra  | am: Additi   | onal Co   | onments  |   |  | -<br>- |
| Prod 7.87.   | 5 5.5<br>Ci<br>in hole w/fresh v  | asing/Cement Progra<br>etr, run 133/8 in 48 lb H   | am: Additio<br>-40 csg & se  | onal Co<br>et at 300  | omments<br>ft w/300 sx cm  |   | urf, drill 12 1/4 in   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140  | asing/Cement Progra<br>etr, run 133/8 in 48 16 H.<br>e/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dr  | am: Additi<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho  | onal Co<br>et at 300<br>om 1850-4<br>ole 4900-  | omments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut   | : wtr, run 8<br>brine wtr,                              | urf; drill 12 1/4 in<br>5/8 in 32 lb   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140  | asing/Cement Progra<br>etr, run 133/8 in 48 16 H<br>e/no additives, drill 12 1/  | am: Additi<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho  | onal Co<br>et at 300<br>om 1850-4<br>ole 4900-  | omments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut   | : wtr, run 8<br>brine wtr,                              | urf; drill 12 1/4 in<br>5/8 in 32 lb   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140  | asing/Cement Progra<br>vtr, run 13 3/8 in 48 1b H-<br>no additives, drill 12 1/<br>10 sx cmt, cire to surf, dn<br>x cmt, bring TOC 500 ft  | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>m 1850-4<br>ple 4900-<br>and gas  | mments<br>A w/300 sx cm<br>1900 A w/brine<br>13900 A w/cut<br>bearing zones  | : wtr, run 8<br>brine wtr,                              | urf; drill 12 1/4 in<br>5/8 in 32 lb   |        |
| Prod 7.87.<br>Nan to drill 17 1/2<br>ole from 300-1850<br>Suttress csg & se<br>-95/P110 csg & s  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140  | asing/Cement Progra<br>rtr, run 13 3/8 in 48 16 H.<br>/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dn<br>x cmt, bring TOC 500 ft a<br>Proposed Blowout   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>mm 1850-4<br>ole 4900-<br>and gas<br>on Progg   | mments<br>A w/300 sx cm<br>1900 A w/brine<br>13900 A w/cut<br>bearing zones<br>ram   | wtr, run 8<br>brine wtr,<br>s.                          | urf; drill 12 1/4 in<br>5/8 in 32 1b<br>run 5 1/2 in 17 1b   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>L-95/P110 csg & s<br>Type   | 5 5.5<br>in hole w/fresh w<br>0 ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:   | asing/Cement Progra<br>etc, run 13 3/8 in 48 1b H.<br>e/no additives, drill 12 1/<br>10 sx cmt, cire to surf, dri<br>x cmt, bring TOC 500 ft a<br>Proposed Blowout<br>Working Pressure   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>m 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test   | mments<br>A w/300 sx cm<br>1900 A w/brine<br>13900 A w/cut<br>bearing zones<br>ram<br>Pressure   | wtr, run 8<br>brine wtr,<br>s.                          | urf; drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Jamifacturer   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram  | asing/Cement Progra<br>str, run 13 3/8 in 48 1b H<br>s/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dn<br>x cmt, bring TOC 500 ft /<br>Proposed Blowout<br>Working Pressure<br>2000   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>m 1850-4<br>ole 4900-<br>and gas<br>on Prog<br>Test   | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zories<br>ram<br>Pressure<br>2000   | wtr, run 8<br>brine wtr,<br>s.                          | urf; drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron  |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>L-95/P110 csg & s<br>Type   | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram  | asing/Cement Progra<br>etc, run 13 3/8 in 48 1b H.<br>e/no additives, drill 12 1/<br>10 sx cmt, cire to surf, dri<br>x cmt, bring TOC 500 ft a<br>Proposed Blowout<br>Working Pressure   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>m 1850-4<br>ole 4900-<br>and gas<br>on Prog<br>Test   | mments<br>A w/300 sx cm<br>1900 A w/brine<br>13900 A w/cut<br>bearing zones<br>ram<br>Pressure   | wtr, run 8<br>brine wtr,<br>s.                          | urf; drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Jamifacturer   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>  | 5 5.5<br>Cinhole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram  | asing/Cement Progra<br>str, run 13 3/8 in 48 1b H<br>s/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dn<br>x cmt, bring TOC 500 ft /<br>Proposed Blowout<br>Working Pressure<br>2000   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>m 1850-4<br>ole 4900-<br>and gas<br>on Prog<br>Test   | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zor.es<br>ram<br>Pressure<br>2000   | wtr, run 8<br>brine wtr,<br>s.                          | urf; drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron  |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>Type<br>Double F  | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 sp<br>Ram  | asing/Cement Progra<br>str, run 13 3/8 in 48 1b H-<br>s/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dri<br>x cmt, bring TOC 500 ft a<br>Proposed Blowout<br>Working Pressure<br>2000<br>5000   | am: Additin<br>-40 csg & se<br>/4 in hole fro<br>ill 7 7/8 in ho<br>above all oil  | onal Co<br>et at 300<br>im 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test  | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zor.es<br>ram<br>Pressure<br>2000<br>5000   | e wtr, run 8<br>brine wtr,<br>s.                        | urf; drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron   |        |
| Prod 7.87.<br>Prod 9.9.<br>Prod 9. | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 sc<br>Ram<br>Ram<br>Ram  | asing/Cement Progra<br>str, run 13 3/8 in 48 1b H<br>s/no additives, drill 12 1/<br>10 sx cmt, cire to surf; dn<br>x cmt, bring TOC 500 ft /<br>Proposed Blowout<br>Working Pressure<br>2000   | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio   | onal Co<br>et at 300<br>m 1850-4<br>ole 4900-<br>and gas<br>on Proge<br>Test  | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zones<br>ram<br>Pressure<br>2000<br>5000  | wtr, run 8<br>brine wtr,<br>s.                          | urf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Prod 7.87.<br>Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>-95/P110 csg & s<br>Type<br>Double H<br>Double H<br>hereby certify th<br>and complete to t  | 5 5.5<br>in hole w/fresh w<br>0 ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram<br>Ram<br>Ram<br>Ram   | asing/Cement Progra<br>str. run 13 3/8 in 48 1b H-<br>str. str. str. str. str. str. str. str.  | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio   | onal Co<br>st at 300<br>m 1850-4<br>ole 4900-<br>and gas<br>on Prog<br>Test<br>Test<br>OIL C<br>ically Ap                               | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/brine<br>bearing zones<br>ram<br>Pressure<br>2000<br>5000<br>5000  | wtr, run 8<br>brine wtr,<br>s.                          | urf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Plantress csg & se<br>-95/P110 csg & s<br>-95/P110 csg & s<br>Double F<br>Double F<br>Double F<br>hereby certify the<br>and complete to to<br>Electronically Sig   | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 sp<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram | asing/Cement Progra<br>str. run 13 3/8 in 48 1b H-<br>str. str. str. str. str. str. str. str.  | am: Additi<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in hol<br>above all oil<br>t Preventio   | onal Co<br>et at 300<br>m 1830-4<br>ole 4900-<br>and gas<br>on Prog<br>Test<br>Test<br>OIL C<br>ically Ap<br>eologist                   | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/brine<br>13900 ft w/brine<br>bearing zones<br>ram<br>Pressure<br>2000<br>3000<br>3000<br>SONSERVAT                 | wtr, run 8<br>brine wtr,<br>s.                          | rrf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>Double F<br>Double F<br>hereby certify the<br>and complete to t<br>Electronically Sig<br>Fitle: Production  | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram | asing/Cement Progra<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>strong TOC 500 ft in<br>Proposed Blowout<br>Working Pressure<br>2000<br>5000<br>5000<br>on given above is true<br>owledge and belief.<br>Cannon   | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio<br>Electrom<br>Title: G<br>Approve              | onal Co<br>et at 300<br>m 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test<br>Test<br>OIL C<br>ically Ap<br>eologist<br>al Date:       | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zones<br>ram<br>Pressure<br>2000<br>3000<br>CONSERVAT<br>oproved By: 1<br>12/09/2004 F              | wtr, run 8<br>brine wtr,<br>s.                          | urf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Plantress csg & se<br>-95/P110 csg & s<br>-95/P110 csg & s<br>Double F<br>Double F<br>Double F<br>hereby certify the<br>and complete to to<br>Electronically Sig   | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram | asing/Cement Progra<br>str. run 13 3/8 in 48 1b H-<br>str. str. str. str. str. str. str. str.  | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio<br>Electroni<br>Title: G<br>Approve<br>Conditio | onal Co<br>et at 300<br>im 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test<br>OIL C<br>ically Ap<br>eologist<br>al Date:<br>ons of Ap | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zones<br>ram<br>Pressure<br>2000<br>3000<br>CONSERVAT<br>oproved By: 1<br>12/09/2004 [E<br>oproval: | wtr, run 8<br>brine wtr,<br>s.<br>ION DIV<br>Paul Kautz | rrf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>Double F<br>Double F<br>hereby certify the<br>and complete to t<br>Electronically Sig<br>Fitle: Production  | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram | asing/Cement Progra<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>strong TOC 500 ft in<br>Proposed Blowout<br>Working Pressure<br>2000<br>5000<br>5000<br>on given above is true<br>owledge and belief.<br>Cannon   | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio<br>Electroni<br>Title: G<br>Approve<br>Conditio | onal Co<br>et at 300<br>im 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test<br>OIL C<br>ically Ap<br>eologist<br>al Date:<br>ons of Ap | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zones<br>ram<br>Pressure<br>2000<br>3000<br>CONSERVAT<br>oproved By: 1<br>12/09/2004 F              | wtr, run 8<br>brine wtr,<br>s.<br>ION DIV<br>Paul Kautz | rrf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
| Prod 7.87.<br>Plan to drill 17 1/2<br>tole from 300-1850<br>Buttress csg & se<br>-95/P110 csg & s<br>Double F<br>Double F<br>hereby certify the<br>and complete to t<br>Electronically Sig<br>Fitle: Production  | 5 5.5<br>Ci<br>in hole w/fresh v<br>D ft w/fresh wtr w<br>t at 4900 ft w/140<br>et at TD w/950 s:<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram<br>Ram | asing/Cement Progra<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>str, run 13 3/8 in 48 lb H-<br>strong TOC 500 ft in<br>Proposed Blowout<br>Working Pressure<br>2000<br>5000<br>5000<br>on given above is true<br>owledge and belief.<br>Cannon   | am: Additii<br>-40 csg & se<br>(4 in hole fro<br>ill 7 7/8 in ho<br>above all oil<br>t Preventio<br>Electroni<br>Title: G<br>Approve<br>Conditio | onal Co<br>et at 300<br>im 1850-4<br>ple 4900-<br>and gas<br>on Prog<br>Test<br>OIL C<br>ically Ap<br>eologist<br>al Date:<br>ons of Ap | mments<br>ft w/300 sx cm<br>1900 ft w/brine<br>13900 ft w/cut<br>bearing zones<br>ram<br>Pressure<br>2000<br>3000<br>CONSERVAT<br>oproved By: 1<br>12/09/2004 [E<br>oproval: | wtr, run 8<br>brine wtr,<br>s.<br>ION DIV<br>Paul Kautz | rrf, drill 12 1/4 in<br>5/8 in 32 lb<br>run 5 1/2 in 17 lb<br>Janufacturer<br>Cameron<br>Cameron<br>TISION   |        |
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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 Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 Permit 3371

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number    | Pool Name                  | Pool Code |
|---------------|----------------------------|-----------|
| 30-025-36996  | CORBIN;MORROW, SOUTH (GAS) | 75080     |
| Property Code | Property Name              | Well No.  |
| 34465         | SCRATCH STATE COM          | 001       |
| 0grid no.     | Operator Name              | Elevation |
| 14049         | MARBOB ENERGY CORP         | 3893      |

#### Surface And Bottom Hole Location

| UL or Lot. | Section           | Township | Range  | Lot Idn | Feet From               | N/S Live | Feet From | EAW Line | County |
|------------|-------------------|----------|--------|---------|-------------------------|----------|-----------|----------|--------|
| E          | 24                | 18S      | 33E    | E       | 1980                    | N        | 660       | W        | Lea    |
|            | ated Acres<br>320 | Joint or | hrfill | Consoli | lidation Code Order No. |          |           |          |        |

| Certificate Number: 12641 |
|---------------------------|
|---------------------------|

#### Permit Conditions Of Approval C-101, Permit 3371

Operator: MARBOB ENERGY CORP, 14049 Well: SCRATCH STATE COM #001

| OCD Reviewer | Condition  |
|--------------|--|
| PKAUTZ       | Re-seeding mixture will must be approved or authorized by surface owner  |
| PKAUTZ       | Notice is to be given to the OCD prior to construction of the pit(s)   |
| IFRAULZ I    | Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank. Guidelines |

| 20 South St. Francis Dr.<br>Santa Fe, NM 87505<br>Frade Tank Registration or Closs<br>tank covered by a "general plan"? Yes ⊠ N<br>pit or below-grade tank ⊠ Closure of a pit or below-f<br>Telephone: 505-748-3303<br>P=025-36996<br>#:NAD: 1927 ☐ 1983 ☐ Surface O<br><u>Relow-grade tank</u>  | UTC<br>io<br>grade Lenk<br>mail address: land2@marbob.com<br>.Sec 24 T188 R 33E  |
|--|--|
| 20 South St. Francis Dr.       For e office         Santa Fe, NM 87505       office         brade Tank Registration or Clos       Itelephone         tank covered by a "general plan"? Yes ⊠ N       N         pit or below-grade tank ⊠ Closure of a pit or below-grade tank ⊠ Closure of a pit or below-grade tank ⊠ Closure of a pit or below-grade tank ⊠ Closure of a pit or below-grade tank       e-         D=025-3b99b       #: | Iownstream facilities, submit to Santa Fe  |
| tank covered by a "general plan"? Yes ⊠ N<br>pit or below-grade tank ⊠ Closure of a pit or below-f<br>Telephone: 505-748-3303 e-<br>D-025-36996<br>#:NAD: 1927 □ 1983 □ Surface O<br><u>Relow-grade tank</u>   | No<br>erade tenk<br>mail address: land2@marbob.com<br>Sec 24 T 188 R 33E   |
| D=025-36996<br>#:NAD: 1927 [] 1983 [] Surface O<br><u>Below-grade tank</u>   | Sec 24 T 185 R 33E   |
| NAD: 1927 💭 1983 🗔 Surface O   |  |
| NAD: 1927 💭 1983 🗔 Surface O   |  |
|  |  |
| Volume:bbl Type of fluid:<br>Construction material:<br>Double-walled, with leak detection? Yes [] If   |  |
| gh Less than 50 feet<br>50 feet or more, but less than 100 feet<br>100 feet or more  | (20 points)<br>(10 points)<br>( 0 points) <b>0 points</b>  |
| Yes<br>Ng  | (20 points)<br>( 0 points) <b>0 points</b>   |
| Less than 200 feet<br>200 feet or more, but less than 1000 feet<br>1000 feet or more   | (20 points)<br>(10 points)<br>( 0 points) <b>0 points</b>  |
| Ranking Score (Total Points)   | 0 points   |
| (3) Attach a general description of remedial r   | -  |
| , a general permit , or an (attached) alternative<br>ent Signature function of liability should the contents   | OCD-approved play  |
| Signature Con 3 Mar  |  |
|  | Double-walled, with leak detection? Yes       If         igh       Less than 50 feet         50 feet or more, but less than 100 feet <u>DOD feet or more</u> Yes         No         Less than 200 feet         200 feet or more, but less than 1000 feet         1000 feet or more         No         Less than 200 feet         200 feet or more, but less than 1000 feet         1000 feet or more         Banking Score (Total Points)         pit's relationship to other equipment and uarks. (2) Ind |

| Interals       Energy, Minerals and Natural Resources       WELL API NO.       May 27.2004         Start Humbor, Hotba, NM 88210       OIL CONSERVATION DIVISION       30-023-36936       Sindical Free Constraints Dr.         Start III       1220 South St. Francis Dr.       Sindical Free Constraints Dr.       Sindical Free Constraints Dr.         Start IV       Suntat Y       Santa Fe, NM 87505       Sindical Free Constraints Dr.       Sindical Free Constraints Dr.         SUNDRY NOTICES AND REPORTS ON WELLS       Sindical Free Constraints Dr.       Sindical Free Constraints Dr.       Sindical Free Constraints Dr.         SUNDRY NOTICES AND REPORTS ON WELLS       7. Lease Name or Unit Agreement Name       Scrato Constraints Dr.       Scrato Constraints Dr.         SUNDRY NOTICES AND REPORTS ON WELLS       7. Lease Name or Unit Agreement Name       Scrato Constraints Dr.       Scrato Constraints Dr.         Name of Operator       P 0 BOX 227       IO. Pool name or Wildcat       ORED Namber       Idea Scrato Constraints Dr.         Address of Operator       P 0 BOX 227       IO. Pool Name or Unit Agreement Name       Scrato Constraints Microbia         Well Location       Unit Letter       1980 feet from the NORTH       Ine address of Operator       NORTH       Ine address of Operator         Very Opth & Opth & Optical East Application Luc Constraint       Inter Maththink Constrein Start Wells       Constraint   | Office  | tate of New Mexico   | Form C-103  |
|---|---|--|---|
| Bill W Grad Ave, Anesis, NM 8210       OIL CONSERVATION DIVISION       30-025-36996         Bill W Grad Ave, Anesis, NM 8210       1220 South SL Francis Dr.       5. Indicate Type of Lease         Bill W Grad Ave, Anesis, NM 8710       1220 South SL Francis Dr.       5. Indicate Type of Lease         Bill W Grad Ave, Anesis, NM 8710       Santa Fe, NM 87505       5. Indicate Type of Lease         Signal W Grad Ave, Anesis, NM 8710       Santa Fe, NM 87505       5. State Oil & Gas Lease No.         Signal W Grad Ave, Anesis, NM 8710       Santa Fe, NM 87505       5. State Oil & Gas Lease No.         Signal W Grad Ave, Anesis, NM 8710       Santa Fe, NM 87505       5. State Oil & Gas Lease No.         Signal W Grad Ave, Anesis, NM 8700 CONSTANT DIRAW FORM CONDING SLOPA       7. Lease Name or Unit Agreement Name         State Oil Coll Well G Well G Gas Well [2] Other       8. Well Number 1       9. GGRID Number         Name of Operator       P 0 BOX 227       10. Pool name or Wildeat       CORBIN; MORROW SOUTH (GAS)         Unit Letter E       1980 feet from the NORTH Line and 660       feet from the WEST Line       Intervention 1000000000000000000000000000000000000   | District I Energy, M  | linerals and Natural Resources   |   |
| 00 W Grad Ave, Areas, NM 8210       1220 Scuth St. Francis Dr.         01 W Grad Ave, Areas, NM 8210       Santa Fe, NM 82703         Santa Fe, NM 8210       Santa Fe, NM 82703         Santa S, St Reak D, Santa Fe, NM 82703       Santa Fe, NM 82703         Santa S, St Reak D, Santa Fe, NM 82703       Santa Fe, NM 82703         Santa S, St Reak D, Santa Fe, NM 82703       Santa Fe, NM 82703         Santa S, St Reak D, Santa S, NM 82703       Santa Fe, NM 82703         Santa S, St Reak D, Santa S, NM 82703       Santa S, St Reak S, Santa S, St Reak S, Santa S, | 1625 N. French Dr., Hobbs, NM 88240   |  |   |
| IndextII       1220 South St. Francis Dr.<br>Santa Fe, NM 87505       STATE CLASS NM FFIO         Indext Rel, Acce, NM FFIO       Santa Fe, NM 87505       STATE CLASS NM FFIO         SUNDRY NOTICES AND REPORTS ON WELLS       5. State OI & Gas Lesse Ne.         SUNDRY NOTICES AND REPORTS ON WELLS       7. Lesse Name or Unit Agreement Name<br>SCRATCH STATE COM         SUNDRY NOTICES AND REPORTS ON PRANT (FORM COU)FOR SUCH       8. Well Number 1         Name of Operator       Agreement Name<br>SCRATCH STATE COM         Name of Operator       PG BOX 227         Name of Operator       16.090         Name of Operator       16.000         Name of Operator       10.000 name or Wildcat         CORDIN UNIT Letter       10.000 name or Wildcat         Constraining 10.000 name or Wildcat       10.000 name or Wildcat         Unit Letter       19.0 feet from the WEST         Section 24       Township 10.8 Range 32E         Med and attain Class Casing       NMPM 17.4 County pit         11. Elevation Show whether DR, RLB, RT, GR. etc.       3893 (GR         Section 24       Township 10.8 Range 32E         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK       PLUG AN DAGNA ADA DA         NOTICE OF INTENTION TO:       Cashind Genemet Attack anditation On MULTPLE COMPL  |   | NSERVATION DIVISION  |   |
| 00 Bit Branck RJ, ALSE, NM 8710       Santa Fc, NM 87505       6. State Oil & Gas Lease No.         25 St Freex RL State Oil & Gas Lease No.       7. Lease Name or Unit Agreement Name         25 St Freex RL State Oil & Gas Lease No.       7. Lease Name or Unit Agreement Name         25 St Freex RL State Oil & Gas Lease No.       7. Lease Name or Unit Agreement Name         25 St Freex RL State Oil & Gas Lease No.       7. Lease Name or Unit Agreement Name         25 St Freex RL State Oil & Gas Lease No.       7. Lease Name or Unit Agreement Name         26 State Oil A Clip Contex       8. Weil Number 1         1 Dye of Public Oil Well Gas Well [2] Other       9. OGRUD Number         1 Address of Operator       MAEBOB ENERCY CORPORATION       140049         Address of Operator       P. 0 BOX 227       10. Pool name or Wildeat         Address of Operator       P. 0 BOX 227       10. Pool name or Wildeat         Unit Letter       11. Elevation       11. Elevation ( <i>Schow welter DR, RL R, RC, RC, GR, etc.</i> )       3893' CR         23 Babor goad Tesk Agafication 1. Cleastr 1       11. Elevation ( <i>Schow welter DR, RL R, RC, GR, etc.</i> )       3893' CR         24 Township 1 Bas Range 338       NMPM LFA County NM         11ar Education       11. Elevation ( <i>Schow Welter DR, RL R, RC, GR, etc.</i> )       13. Bachor goad Tesk Agafication 1. Cleastr 1         11ar Babor goad Tesk Agafication 1. Cleastr 1   | District III 1220   | 0 South St. Francis Dr.  |   |
| 2013 ST Prenex Dr., Sama Fe, NM       7. Lease Name or Unit Agreement Name         2013 STUNDRY NOTICES AND REPORTS ON WELLS<br>ON OT USE THE STORM FOR ADDROSALS TO ORLL OR TO DEPEN OR FLUE BACK TO A<br>INFORMATING USE APPLICATION FOR FEMALE (10) FOR SUCH       7. Lease Name or Unit Agreement Name         2015 STR TASERVOR. USE APPLICATION FOR FEMALE (10) FOR SUCH       8. Well Number 1       .         1       Name of Operator       9. OGRUD Number       .         1. Name of Operator       P 0. BOX 227       10. Pool name or Wildeat         ARTESIA NM 88211-0227       CORBIN; MORROW, SOUTH (CAS)         Well Location       11. Elevation (Show whether DR, RKB, RT, GR, etc.)       180         202 Bedre grade       11. Elevation (Show whether DR, RKB, RT, GR, etc.)       180         203 Bedre grade       11. Elevation (Show whether DR, RKB, RT, GR, etc.)       180         204 Bedre grade       11. Elevation (Show whether DR, RKB, RT, GR, etc.)       180         205 Bedre grade       12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data         NOTICE OF INTENTION TO       SUBSEQUENT REPORT OF:         EMFORM AUKORICH PUG SAND BARDON       ALTERING CASING       ALTERING CASING         11. Describe proposed orompleted operations. (Clearly state all pertinent detains dates, including estimated date<br>of sturing any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion<br>or neoempletion.  |   | anta Fe, NM 87505  |   |
| SUNDRY NOTICES AND REPORTS ON WELLS<br>ON TOUSE THE STORM FOR PROPADIAS TO DEDERO AND FUELD BACK TO A<br>SPECENT RESERVOR. USE APPLICATION FOR FEMALT (FORM C-10) FOR SUCH<br>ACCOMMENDED AND ADD AND ADD ADD ADD ADD ADD ADD AD  | 220 S. St. Francis Dr., Santa Fe, NM  |  | 0. State On & Gas Lease No.   |
| DO NOT USE THIS FORM FOR PROPOSALS TO DRULL OR TO DEEPEN OR PLUE BACK TO A  | 7505  | ·  |   |
| BYPERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH       SCRATCEL STATE: COM         Name of Querator       A Well Number 1         Name of Querator       MEBOB ENERGY CORPORATION       10.0 Pool name or Wideat         Address of Operator       P & OGR Number       10.0 Pool name or Wideat         Address of Operator       P & OGR 227       10.0 Pool name or Wideat         Weil Location       Unit Letter       E       1980 feet from the NORTH       Ince and 660         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NMPM 124       County NM         Section 24       Township 188       Range 332       NDPM 126       County NM         Section 200       Int Elevian (Now Weider 200       Range 332       NDPM 126       County NM         Section 200       NOTICE OF INDRTION TO:       S   | •   |  | 7. Lease Name or Unit Agreement Name  |
| ADTOCALS)       Defer       3. Well Number         Image of Operator       AREOB ENERGY CORPORATION       14049         Address of Operator       P 0 BOX 227       10. Pool name or Wildcat         Address of Operator       P 0 BOX 227       10. Pool name or Wildcat         Address of Operator       P 0 BOX 227       10. Pool name or Wildcat         Unit Letter       E       1980 feet from the NORTH       line and 660       feet from the WEST       line         Section       24       Township 18S       Range 33E       NMPM 17A       County NM         Section       24       Township 18S       Range 33E       NMPM 17A       County NM         Section       24       Township 18S       Range 33E       NMPM 17A       County NM         Section       24       Township 18S       Range 33E       NMPM 17A       County NM         Iter Thickasis       mil Below.Grad Table Value       Distance from ascrets surface water  |   |  |   |
| Image of Operator       9. OGRID Number         Name of Operator       14049         Address of Operator       10. Pool name or Wildcat         Address of Operator       P. OGRID Number         Address of Operator       10. Pool name or Wildcat         ARTESIA NM       88211-0227         Well Location       Unit Letter         E       1980 feet from the NORTH         Section       24         Township       18. Range         Section       24. Ternor Casing         Iller Tbickess:       mill Below-Grad         Iller Comalbalwork       24. Ternof Casing  | ROPOSALS.)  | in (roldi chor) for seen   |   |
| MARBOR ENTRECY CORPORATION       14049         Address of Operator       P & BOX 227         ID       Pool name or Wildcat         ARTESIA NM       88211-0227         Well Location       CORBIN; MORROW, SOUTH (GAS)         Unit Letter_E       1980 feet from the NORTH ine and 660 feet from the VEST ine         Section 24       Township 185 Range 33E       NMPM LRA County NM         Section 24       Township 185 Range 33E       NMPM LRA County NM         II. Elevation (Show whether DR, RXB, RT, GR etc.)       3893 ' GR       Section 24         ar Biburgrafe Tank Application 1 ar Closure 1       11 Elevation (Show whether DR, RXB, RT, GR etc.)       3893 ' GR         ar Biburgrafe Tank Application 1 ar Closure 1       12 Elevation Rate of the section Rate of the State  |   | Other  | 8. Well Number 1  |
| Address of Operator       P. 0 E0X 227<br>ARTESIA NM 88211-0227       10. Pool name or Wildeat<br>CORBIN; MORROW, SOUTH (GAS)         Well Location       Unit Letter       E       1980 feet from the NORTH line and 660 feet from the WEST line<br>Section 24 Township 188 Range 33E NMPM trac County VM         In Elevation (Show whether DR, RAB, RT, G. R. etc.)       NMPM trac County VM         It Elevation (Show whether DR, RAB, RT, G. R. etc.)       3893' GR         ar Babw crede Task Application Line Closure       Distance from serrest freth water well       Distance from serrest freth water well         Iber Thickness:       mill Bdow-Grade Task: Volume       Dubts: Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:<br>REMEDIAL WORK ALTERING CASING ALTERING CASING PANDA         CMIC ROARLY ABANDON CHANGE PLANS       COMMENCE DRILLING OPNS.         IUL OR ALTER CASING       OTHER: SPUD CSG/CMT         IUL RA ALTER CASING       OTHER: SPUD CSG/CMT         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3         S4# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PTT.<br>WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3         S4# J-55 CSG TO 403*. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PTT.<br>WOC 18 HRS, TSTD CSG TO 600# F  | . Name of Operator  |  | 9. OGRID Number   |
| ARTESIA NM 88211-0227       CORBIN; MORRON, SOUTH (GAS)         Well Location       Init Letter_E   | MARBOB ENERGY   | CORPORATION  | 14049   |
| Well Location       Unit Letter_E       1980 feet from the NORTH line and   | . Address of Operator P O BOX 227   |  | 10. Pool name or Wildcat  |
| Well Location       Unit Letter       E       1980 feet from the NORTH ine and 660 feet from the WEST ine end 560 feet from the WEST ine Section 24 Township 18S Range 33E NMPM LPA County NM         Section 24       Township 18S Range 33E NMPM LPA County NM         Liter Bides grade Task Application [] to Cleangr []       I. Elevation (Show whether DR, AKB, RT, GR, etc.)         3893' GR       States from nearest surface water   | ARTESIA NM 88   | 211-0227   | CORBIN; MORROW, SOUTH (GAS)   |
| Unit Letter       E       1980       feet from the       NORTH       line and       660       feet from the       WEST       line         Section       24       Township       185       Range       332       NMPM       LFA       County       NM         It       Elevation       11       Elevation       Bitsace from ascrets fresh water well       Distance from ascrets fresh water       Image: County       NM         It       It       Reference       Mathematical Back on the distance from ascrets fresh water well       Distance from ascrets fresh water       Distance from ascrets fresh water       Image: County       NM         It       Reference       Orthor County       Mathematical Back on the distance from ascrets fresh water       Image: County Fresh       County Fresh       County Fresh       Distance from ascrets fresh water       County Fresh       County Fresh       County Fresh       County Fresh       County Fresh       County Fresh  | . Well Location   |  |   |
| Section       24       Township       185       Range       33E       NMPM       LEA       County       NM         11. Elevation (Show whether DR, RKB, RT, GR, etc.)       3893' CR       3893' CR       3893' CR       3893' CR         12. Check Application [] ar Clearre   |   | rom the NORTH line and   | 660 feet from the WEST line   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3893' GR         car Balow-circle Tank Application [] in: Cleary []         type  |   |  |   |
| 3893' GR         Depth to Groundwater         Distance from nearest surface water         Line Thickness:         mill       Below-Gradt Task: Volume       bbis: Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         REMORARLY ABANDON       CAMMENCE DILLING OPNS       ALTERING CASING         ULL or ALTER CASING       MULTIPLE COMPL       SUBSEQUENT REPORT OF:         REMEDIAL WORK       PAND A       CASING/CEMENT JOB         ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT JOB         OTHER:       SPUD CSG/CMT       Distance from science to the data of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406,01') 13 3 54% J=55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406,01') 13 3 54% J=55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         SNATURE       MULTIPLE GEOTECH       DATE         DATE       DATE       DATE   |   |  |   |
| In: Below-arade Task Application [].uc Closure []         type  | ii. Lievation (   |  |   |
| Interpression       Distance from nearest strafter well       Distance from nearest strafter well         Liner Thickness:       mil       Bdow-Grade Task: Volume       bbb;       Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK       PLUG AND ABANDON       CALTERING CASING       ALTERING CASING         ULL OR ALTER CASING       CHANDE PLANS       COMMENCE DRILLING OPNS.       PAND A         ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT.JOB       PAND A         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.       SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3       S4# J-55 CSC TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT.         WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.       State all perimit be information above is true and complete to the best of my knowledge and belief. Internet certify that as ypil or below.         SINATURE       DATE       D5/03/05         SINATURE       DATE       DATE         DATE       DATE<   | or Below-grade Tank Application   | J073 GK  |   |
| Liner Thickness:       mil       Bdow-Grade Tank: Volume       bbbs: Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data       NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK       PLUG AND ABANDON       CHANGE PLANS       ALTERING CASING       ALTERING CASING         ULL OR ALTER CASING       MULTIPLE COMPL       OTHER:       SPUD CSG/CMT       The 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.       The completion of the completion of the completion of the completion.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406,01') 13 3 54# J-55 CSG TO 403'. CTT W/475 SX P+, PD @3:00 PM ON 04/27/05, CTRC 170 SX TO PTT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         ereby certify that the information above is true and complete to the best of my knowledge and belief. I further serify that any pit or below.         at at has benevial be constructed or closed graverding to NMOCD guidelints l. a general permit l or an (attached) alternative OCD-approved pin l.         SINATURE       DATE         DATE       D5/03/05  |   |  |   |
| 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data         NOTICE OF INTENTION TO:         ERFORM REMEDIAL WORK       PLUG AND ABANDON         EMPORARILY ABANDON       CHANGE PLANS         ULL OR ALTER CASING       MULTIPLE COMPL         OTHER:       SPUD CSG/CMT         II. 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.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406,01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         ereby certify that the information above is true and complete to the best of my knowledge and belief. Junther certify that any pit or body-de task has been/will be constructed or closed scoreding to NMOCD guiddingt L, a general permit C or an (attached) alternative OCD-approved plan D.         SNATURE       DATE         DEBORA L. WILBOURN       E-mail address: geology@marbob.com         Telephone No. 505-748-3.         PROVED BY:       TITLE  | ······································  |  |   |
| NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK    PLUG AND ABANDON          ALTERING CASING            EMPORARILY ABANDON    CHANGE PLANS          COMMENCE DRILLING OPNS          PAND A            ULL OR ALTER CASING    MULTIPLE COMPL          COMMENCE DRILLING OPNS          PAND A            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.       SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PTT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         ereby certify that the information above is true and complete to the best of my knowledge and belief. Intruber certify that any pit or bolow-de tank has been/will be constructed or closed according to NMOCD guiddinee  , a general permit    or an (strached) elternative OCD-approved plan   .         SNATURE       DATE       DATE         DEBORA L. WILBOURN       E-mail address: geology@marbob.com       Telephone No. 505-748-3.  | t Liner Thickness: mil Below-Grade 7  | Tank: Volumebbls; (  | Construction Material   |
| NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         ERFORM REMEDIAL WORK    PLUG AND ABANDON          ALTERING CASING            EMPORARILY ABANDON    CHANGE PLANS          COMMENCE DRILLING OPNS          PAND A            ULL OR ALTER CASING    MULTIPLE COMPL          COMMENCE DRILLING OPNS          PAND A            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.       SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PTT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         ereby certify that the information above is true and complete to the best of my knowledge and belief. Intruber certify that any pit or bolow-de tank has been/will be constructed or closed according to NMOCD guiddinee  , a general permit    or an (strached) elternative OCD-approved plan   .         SNATURE       DATE       DATE         DEBORA L. WILBOURN       E-mail address: geology@marbob.com       Telephone No. 505-748-3.  | 12. Check Appropriate Bc  | ox to Indicate Nature of Notice  | Report or Other Data  |
| ERFORM REMEDIAL WORK       PLUG AND ABANDON       REMEDIAL WORK       ALTERING CASING         EMPORARILY ABANDON       CHANGE PLANS       COMMENCE DRILLING OPNS.       PAND A         ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT JOB       PAND A         INTHER:       OTHER:       SPUD CSG/CMT       D         I3. Describe proposed or complete 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.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT.         WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         ereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that ary pit or below-de task has been/will be constructed or closed greening to NMOCD guidelines a general permit or a tattached) alternative OCO-approved plan D.         SNATURE       MULLON       E-mail address: geology@marbob.com       Telephone No. 505-748-3:         Fermin ame DEBORA L, WILBOURN       E-mail address: geology@marbob.com       Telephone No. 505-748-3:         PROVED BY:       TITLE       DATE   |   |  | ,   |
| EMPORARILY ABANDON       CHANGE PLANS       COMMENCE DRILLING OPNS.       PAND A         ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT JOB       PAND A         IIL OR ALTER CASING       MULTIPLE COMPL       OTHER: SPUD CSG/CMT       D         IIILE OR ALTER CASING       OTHER: SPUD CSG/CMT       D       D         IIILE OR ALTER CASING       OTHER: SPUD CSG/CMT       D         IIILE OTHER:       OTHER: SPUD CSG/CMT       D         IIILE OR ALTER CASING and 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.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3         S4# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT.         WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         Ereby 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-de task has been/will be constructed or closed growing to NMOCD guidelines a general permit or an (attached) alternative OCD approved plan D.         GNATURE       MULLOUR       TITLE GEOTECH       DATE         OATE       DATE       DATE  | NOTICE OF INTENTION TO  | D:   SUI   | BSEQUENT REPORT OF:   |
| ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT JOB         OTHER:       OTHER:       SPUD CSG/CMT       D         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.       DTHER:       DTHER:       DTHER:       SPUD (SG/CMT)       D         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT.       WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         Preby 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-de task has been/will be constructed or closed facording to NMOCD guidelines D a general permit D or an (statched) alternative OCD approved plan D.         SNATURE OLDUM DEBORA L. WILBOURN         Telephone No. 505-748-3:         PROVED BY:  | ERFORM REMEDIAL WORK 🔲 🛛 PLUG AND AB  | ANDON 🔲 🕴 REMEDIAL WO  | RK ALTERING CASING  |
| ULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEMENT JOB         ITHER:       OTHER: SPUD CSG/CMT       Image: SPUD CSG/CMT         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.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3 54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD OK.         ereby 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-de task has been/will be constructed or closed according to NMOCD guidelines L a general permit C or an (statched) alternative OCD-approved plan D. SNATURE         ONATURE       DATE         OFMOVED BY:       TITLE   | EMPORARILY ABANDON  |  |   |
| THER:       OTHER: SPUD CSC/CMT       Image: SPUD CSC/CMT         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.         SPUD WELL @11:30 PM ON 04/25/05. DRLD 17 1/2" HOLE TO 403!, RAN 10 JTS (406.01') 13 3         54# J-55 CSG TO 403'. CMTD W/475 SX P+, PD @3:00 PM ON 04/27/05, CIRC 170 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN HELD 0K.         Preve certify that the information above is true and complete to the best of my knowledge and belief. Jarnher certify that any pit or below-de tank has been/will be constructed or closed according to NMOCD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan [].         SUDM CD guidelines [], a general permit [] or an (attached) iternative OCD-approved plan []. <td< td=""><td></td><td></td><td></td></td<>   |   |  |   |
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| GNATURE       Delicit       DATE       05/03/05         pe or print name<br>r State Use Only       DEBORA L. WILBOURN       E-mail address:<br>geology@marbob.com       Telephone No.<br>505-748-3:         PROVED BY:       TITLE       DATE   | of starting any proposed work). SEE RULE<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/0<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F  | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.   | 403!, RAN 10 JTS (406.01') 13 3<br>N 04/27/05, CIRC 170 SX TO PIT.  |
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| pe or print name<br><u>r State Use Only</u> DEBORA L. WILBOURN E-mail address:<br><u>proved BY</u> <u>Title</u> DATE  | of starting any proposed work). SEE RULE<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/0<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F  | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.   | 403!, RAN 10 JTS (406.01') 13 3<br>N 04/27/05, CIRC 170 SX TO PIT   |
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|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 Pl4 ON 04/25/09<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F<br>WOC 18 HRS, TSTD CSG TO 600# F<br>GNATURE DEBORA L WILL POURN  | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:             | 403!, RAN 10 JTS (406.01') 13 3<br>N 04/27/05, CIRC 170 SX TO PIT.  |
|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/09<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F<br>WOC 18 HRS, TSTD CSG TO 600# F<br>GNATURE DEBORA L WILL POURN   | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:             | 403!, RAN 10 JTS (406.01') 13 3<br>N 04/27/05, CIRC 170 SX TO PIT.  |
|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/02<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F.<br>WOC 18 HRS, TSTD CSG TO 600# F.<br>GNATURE Decomposition above is true and<br>de tank has been/will be constructed or closed according to P.<br>GNATURE Decomposition above is true and<br>DEBORA L. WILBOURN  | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:<br>geology@ | dollar frequencies and belief. I further certify that any pit or below-<br>or an (attached) alternative OCD-approved plan [].<br>DATE 05/03/05<br>Telephone No. 505-748-33  |
|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/01<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F<br>WOC 18 HRS, TSTD CSG TO 600# F<br>GNATURE DECONSTRUCTED or closed according to P<br>GNATURE DECONSTRUCTED or closed according to P  | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:<br>geology@ | duttach wellbore diagram of proposed completion<br>403!, RAN 10 JTS (406.01') 13 3<br>04/27/05, CIRC 170 SX TO PIT<br>24 25 26 2<br>24 26 2<br>26 2<br>26 2<br>26 2<br>26 2<br>26   |
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|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 Pl4 ON 04/25/01<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F<br>WOC 18 HRS, TSTD CSG TO 600# F<br>GNATURE Deconstructed or closed according to f<br>GNATURE Deconstructed or closed according to f<br>GNATURE DEBORA L. WILBOURN<br>PROVED BY:   | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:<br>geology@ | duttach wellbore diagram of proposed completion<br>403!, RAN 10 JTS (406.01') 13 3<br>04/27/05, CIRC 170 SX TO PIT<br>2012 25252<br>2013<br>2014 25252<br>2014 2  |
|   | of starting any proposed work). SEE RULE.<br>or recompletion.<br>SPUD WELL @11:30 PM ON 04/25/0<br>54# J-55 CSG TO 403'. CMTD W/4<br>WOC 18 HRS, TSTD CSG TO 600# F<br>WOC 18 HRS, TSTD CSG TO 600# F<br>STATURE OF Constructed or closed according to f<br>GNATURE OF Constructed or closed according to f<br>STATURE OF CONSTRUCTED OF CONSTRUCTED OF CONSTRUCTED<br>STATURE OF CONSTRUCTED OF CONSTRUC | 1103. For Multiple Completions: A<br>5. DRLD 17 1/2" HOLE TO<br>75 SX P+, PD @3:00 PM ON<br>/30 MIN HELD OK.<br>complete to the best of my knowled<br>NMOCD guidelines [], a general permit []<br>TITLE GEOTECH<br>E-mail address:<br>geology@ | de and belief. I further certify thal any pit or below-<br>de trached) alternative OCD-approved plan [].<br>DATE 05/03/05<br>Telephone No. 505-748-3  |

| Submit 3 Copies To Appropriate District State of New Mexico  | Form C-103  |
|--|---|
| Office Energy, Minerals and Natural Resources  | May 27, 2004  |
| 1625 N. French Dr., Hobbs, NM 88240  | WELL API NO.  |
| District II<br>1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION   | 30-025-36996  |
| District JII 1220 South St. Francis Dr.  | 5. Indicate Type of Lease   |
| 000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NIM 87505  | STATE X FEE   |
| 220 S. St. Francis Dr., Santa Fe, NM   | 6. State Oil & Gas Lease No.  |
| 7505   |   |
| SUNDRY NOTICES AND REPORTS ON WELLS  | 7. Lease Name or Unit Agreement Name  |
| DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A<br>IFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   |   |
| ROPOSALS.)   | SCRATCH STATE COM   |
| . Type of Well: Oil Well 🖾 Gas Well 🗌 Other  | 8. Well Number 1  |
| . Name of Operator MARROR ENERGY CORRORATION   | 9. OGRID Number   |
| MARBOB ENERGY CORPORATION  | 14049   |
| Address of Operator P 0 BOX 227  | 10. Pool name or Wildcat  |
| ARTESIA, NM 88211-0227   | CORBIN; MORROW, SOUTH (GAS)   |
| . Well Location  |   |
| Unit Letter <u>E</u> : 1980 feet from the <u>NORTH</u> line and  | <u>feet from the WEST</u> line  |
| Section 24 Township 185 Range 33E  | NMPM LEA County NM  |
| 11. Elevation (Show whether DR, RKB, RT, GR, el  | IC.)  |
| 3893' GR   |   |
| or Below-grade Tank Application 🗌 or Closure 🛄   |   |
| typeDepth to GroundwaterDistance from nearest fresh water wellD  | Distance from nearest surface water   |
| Liner Thickness: mil Below-Grade Tank: Volume bbls;  | Construction Material   |
|  |   |
| 12. Check Appropriate Box to Indicate Nature of Notice   | e, Report or Other Data   |
| NOTICE OF INTENTION TO: SU   | BSEQUENT REPORT OF:   |
| ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK  |   |
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| PULL OR ALTER CASING     MULTIPLE COMPL     CASING/CEME       OTHER:     OTHER:     INT  | PRILLING OPNS I PANDA I<br>ENT JOB I<br>TMD CSG/CMT X   |
| PULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEME         OTHER:       OTHER:       OTHER:       INT         13. Describe proposed or completed operations. (Clearly state all pertinent details, and the stat | PRILLING OPNS       P AND A         ENT JOB       Implement dates, including estimated dates, including estimates, |
| PULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEME         OTHER:       OTHER:       INT         13. Describe proposed or completed operations. (Clearly state all pertinent details, a of starting any proposed work). SEE RULE 1103. For Multiple Completions:  | PRILLING OPNS       P AND A         ENT JOB       Implement dates, including estimated dates, including estimated dates.  |
| PULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEME         OTHER:       OTHER:       OTHER:       INT         13. Describe proposed or completed operations. (Clearly state all pertinent details, and the state of the sta | PRILLING OPNS       P AND A         ENT JOB       Implement dates, including estimated dates, including estimates, including e |
| PULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEME         OTHER:       OTHER: INT         13. Describe proposed or completed operations. (Clearly state all pertinent details, a of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion.   | PANDA         ENT JOB         IMD CSG/CMT         and give pertinent dates, including estimated dat         Attach wellbore diagram of proposed completion  |
| PULL OR ALTER CASING       MULTIPLE COMPL       CASING/CEME         OTHER:       OTHER: INT         13. Describe proposed or completed operations. (Clearly state all pertinent details, a of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion.         05/09/05 @9:45 AM, DRLD 12 1/4" HOLE TO 4950'. RAN 11   | PRILLING OPNS       P AND A         INT JOB       Implement data         Implement CSG/CMT       Implement data         and give pertinent dates, including estimated dat         Attach wellbore diagram of proposed completion         .6/JTS (4951.09')       8 5/8" CSG TO  |
| ULL OR ALTER CASING MULTIPLE COMPL CASING/CEME<br>THER: OTHER: INT<br>13. Describe proposed or completed operations. (Clearly state all pertinent details, a<br>of starting any proposed work). SEE RULE 1103. For Multiple Completions:<br>or recompletion.<br>05/09/05 @9:45 AM, DRLD 12 1/4" HOLE TO 4950'. RAN 11<br>4948'. CMTD 1ST STG W/400 SX INTERFIL-C, TAILED IN W/   | PRILLING OPNS       P AND A         ENT JOB       Implement Description         TMD CSG/CMT       Implement Description         and give pertinent dates, including estimated dat         Attach wellbore diagram of proposed completion         .6/JTS (4951.09') 8 5/8" CSG TO         '300 SX P+, PD @2:00 AM ON 05/10   |
| ULL OR ALTER CASING MULTIPLE COMPL CASING/CEME<br>THER: OTHER: INT<br>13. Describe proposed or completed operations. (Clearly state all pertinent details, a<br>of starting any proposed work). SEE RULE 1103. For Multiple Completions:<br>or recompletion.<br>05/09/05 @9:45 AM, DRLD 12 1/4" HOLE TO 4950'. RAN 11  | PANDA         PANDA         INT JOB         IND CSG/CMT         and give pertinent dates, including estimated dat         Attach wellbore diagram of proposed completio         6/JTS (4951.09') 8 5/8" CSG TO         '300 SX P+, PD @2:00 AM ON 05/10   |
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| Submit 3 Copies To Appropriate District State of New Mexico  | Form C-103   |
|--|--|
| District I Energy, Minerals and Natural Re   | esources May 27, 2004  |
| 1625 N. French Dr., Hobbs, NM 88240<br>District II   | WELL API NO.<br>30-025-36996   |
| 1301 W. Grand Ave., Ariesia, NM 88210 OIL CONSERVATION DIV   | ISIUN 5 Indicate Type of Lease   |
| District JII 1220 South St. Francis D<br>1000 Rio Brazos Rd., Aztec, NM 87410  | Dr. STATE S FEE  |
| District IV Santa Fe, NM 87505   | 6. State Oil & Gas Lease No.   |
| 1220 S. St. Francis Dr., Santa Fe, NM<br>87505   |  |
| SUNDRY NOTICES AND REPORTS ON WELLS  | 7. Lease Name or Unit Agreement Name   |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BAC  |  |
| DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCI<br>PROPOSALS.)   |  |
| 1. Type of Well: Oil Well 🔀 Gas Well 🔲 Other   | 8. Well Number 1   |
|  | EIVED 9. OGRID Number  |
| 3. Address of Operator P O BOX 227 JUL   | 0 I 2005 10. Pool name or Wildcat  |
| ARTESIA, NM 88211-0227 OCU-  |  |
| 4. Well Location   |  |
| Unit Letter <u>E</u> <u>1980</u> feet from the <u>NORTH</u>  | line and <u>660</u> feet from the <u>WEST</u> line   |
| Section 24 Township 18S Range  |  |
| 11. Elevation (Show whether DR, RKB,   |  |
| 3893' GR   |  |
| it or Below-grade Tank Application [] of Closure []  |  |
| it typeDepth to GroundwaterDistance from nearest fresh water we  | ll Distance from nearest surface water   |
| it Liner Thickness: mil Below-Grade Tank: Volume   | bbls; Construction Material  |
|  |  |
| 12. Check Appropriate Box to Indicate Nature   | or nonce, report of Outer Data   |
| TEMPORARILY ABANDON 🔲 CHANGE PLANS 📋 COM   | IEDIAL WORK ALTERING CASING A<br>IMENCE DRILLING OPNS. P AND A   |
| OTHER:   |  |
|  | ER: TD CSG/CMT   |
| <ol> <li>Describe proposed or completed operations. (Clearly state all pertinent<br/>of starting any proposed work). SEE RULE 1103. For Multiple Com<br/>or recompletion.</li> </ol>   | nt details, and give pertinent dates, including estimated date   |
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| <ul> <li>13. Describe proposed or completed operations. (Clearly state all pertinent of starting any proposed work). SEE RULE 1103. For Multiple Comport or recompletion.</li> <li>TD WELL @8:45 AM ON 06/22/05. DRLD 6 1/8" HOLE TO 11.6# P-110 CSG TO 13708.90'. CMTD 1ST STG W/650 SCIRC 175 SX TO PIT. CMTD 2ND STG W/900 SX HLP, TAI AM 06/24/05, DID NOT CIRC, RAN TEMP SURVEY - TOC OF F/30 MIN.</li> <li>hereby certify that the information above is true and complete to the best of n ade tank has been/will be constructed or closed according to NMOCD guidelines [], a gen IGNATURE Action Completer Closed according to NMOCD guidelines [], a gen IGNATURE Action Clear Closed according to NMOCD guidelines [], a gen State Use Only</li> <li>PPROVED BY:</li></ul>   | nt details, and give pertinent dates, including estimated date<br>npletions: Attach wellbore diagram of proposed completion<br>13710'. RAN 323 JTS (13711.55') 4 1/2"<br>SX PB SUPER H, PD @2:30 AM 06/24/05,<br>ILED IN W/200 SX PB SUPER H, PD @9:45<br>@3000'. WOC 18 HRS, TSTD CSG TO 1500#<br>WOC 18 HRS, TSTD CSG TO 1500#<br>Percent of the set of the s   |

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|  | REFERENCE SHEET FOR                           | 17-21 W  | Fm Pm N<br>XX XX XX                   |                             |
|--|---|--|---------------------------------------|-----------------------------|
|  | UNDESIGNATED WELLS                            | 17-21 C  |                                       |                             |
|  |   |  |                                       |                             |
|  |   |  |                                       |                             |
|  |   | ······   | 1. Date:                              | 8/10/2005                   |
| paragraph  | 7   | 2. Type of Well                                  |                                       |                             |
|  |   | Oil:   | Gas: XX                               |                             |
| and the second second second second second second second second second second second second second second second |   | 3. County:                                       | LEA                                   |                             |
| 4. Operator:<br>>> MARBOB I  |   | · · · · ·  | APINUMBER<br>30 - 025 -               | 36996                       |
| 5. Address of Operator   |   |  |                                       |                             |
| >> PO BOX 22   | 27<br>NM 88211-0227                           |  | _                                     |                             |
| 6. Lease name or Unit Agreem   | ent Name                                      |  |                                       | Number                      |
| >> SCRATCH   | STATE COM                                     |  | #                                     | 1                           |
| Jnit Letter: E 1980  | feet from the <u>N</u> line and               | 660 feet from the                                | line                                  |                             |
| Section  | Township Range                                |  |                                       | <u></u>                     |
| 9. Completion Date:<br>7/19/20   | 05  | rts Top<br>13170                                 |                                       | Bottom<br>13308             |
| 10. Name of Producing Formatic   |   | en Hole Casing shoe                              | PBTD or 1D Open H                     | ole                         |
| MORROW   |   |  |                                       | 13710                       |
| 13. C-123 Filed: Date<br>Y N XX  | 15. Name of Pool Requested:<br>CORBIN;MORROW, | SOUTH (GAS)                                      |                                       | Pool ID num<br><b>75080</b> |
| 16. Remarks:   |   | X Z  |                                       |                             |
| EXTEND   | W/2 DEDICATED                                 | ·  | <u>,,</u>                             | <u></u>                     |
|  |   |  |                                       |                             |
| TO BE COMPLETED BY DI<br>17. Action taken 18. Pool Na  |   |  |                                       | Pool ID num                 |
| EXTEND   | CORBIN;MORROW, SOUTH (G                       | GAS)   |                                       | 75080                       |
|  |   |  |                                       |                             |
| T 18 S, I  | R 33 E  |  |                                       | •                           |
|  |   |  |                                       |                             |
| SEC 23:<br>SEC 24:   |   |  |                                       |                             |
|  |   |  |                                       |                             |
|  |   |  |                                       |                             |
| 19. Advertised for HEARING:  |   | , <u>, , , , , , , , , , , , , , , , , , </u>    | 20. Case Number                       |                             |
|  |   |  |                                       |                             |
| 21. Name of pool for which was aciver  |   | an an tha an an an an an an an an an an an an an |                                       | Pool 1D num<br>75080        |
| CORBIN;N   | IORROW, SOUTH (GAS)                           |  |                                       |                             |
| 22. Placed in Pool   |   | · · · ·  | 23. By order numb<br>R-               | er                          |
| ·  |   |  |                                       | · · · · ·                   |
|  |   |  | May 2005UE                            | S-GCOR30000-1               |
| L.   | ι.  |  | · · · · · · · · · · · · · · · · · · · |                             |

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### WELL LOGS

| A         | PI number:   | 30-025-36     | 996               |               |   |              |  |        |  |
|-----------|--------------|---------------|-------------------|---------------|---|--------------|--|--------|--|
|           | OGRID:       |               | Operator:         | MARBOB        | ENERGY C                                    | ORP          |  |        |  |
|           |              |               | Property:         | SCRATCH       | STATE CO                                    | M            |  | # 1    |  |
| ·         |              | · ·           | <u></u>           | •             |   |              |  |        |  |
| surface   | ULSTR:       | E             | 24                | т             | 18S   | R            | 33E                                    |        |  |
|           |              |               | . 1980            | FNL           | 660   | FWL          |  |        |  |
|           |              |               | ·····             |               | · · · · · · · · · · · · · · · · · · ·       |              | -                                      |        |  |
| BH Loc    | ULSTR:       | E             | 24                | Т             | 18S   | R            | 33E                                    |        |  |
|           |              | i             | 1980              | FNL           | 660   | FWL          |  |        |  |
|           |              |               |                   |               |   |              |  |        |  |
| Gr        | ound Level:  | 3893          | DF:               | 3909          | KB:   | 3910         |  |        |  |
|           | Datum:       | KB            |                   |               | TD:   | 13710        |  |        |  |
|           |              |               |                   |               |   |              |  |        |  |
|           |              |               |                   |               | Completic                                   | n Date: (1)  | 7/19/2005                              |        |  |
|           | Land:        | STATE         |                   |               |   | s Received:  | 8/9/2005                               | **Late |  |
|           |              |               |                   |               |   | Due in: (2)  | 8/8/2005                               |        |  |
| Cor       | fidential:   | NO            |                   |               |   | Date out:    |  |        |  |
| L         | Confidential | period: 90 Da | vs for State &    | Fee, 1 Year f | or federal                                  |              |  |        |  |
|           |              |               |                   | Date (1) + 20 |   |              |  |        |  |
| ļ         | Logs         | (1) 10 0 que. | Depth in          |               |   |              |  |        |  |
| DSN/SDL   |              |               | 200               |               | Spectral De                                 | nsity Dual S | paced Neutro                           | on     |  |
| DLL/MSF   |              |               | 4938              |               | Dual Laterolog Micro Sperically Focused Log |              |  |        |  |
|           |              |               |                   |               |   |              | 0.100.19 . 000                         |        |  |
| <u> </u>  |              |               |                   |               |   |              |  |        |  |
|           |              |               |                   |               | •   |              |  |        |  |
|           | •            |               |                   | i             |   |              |  |        |  |
|           |              | <u></u>       | - <u> </u>        | · · · ·       |   | <u> </u>     |  | · · ·  |  |
| L         | <u> </u>     |               | L                 | <u>i</u>      |   |              |  |        |  |
|           |              | OCD TOP       | 2                 |               |   | ·            | •                                      |        |  |
|           |              | 000101        |                   |               |   |              |  |        |  |
| Rustler   |              | 1614          | Strawn            |               | 12180                                       |              |  |        |  |
| Tansill   |              |               | Atoka             |               | 12553                                       |              |  |        |  |
| Yates     | ······       |               | Morrow            |               | 12000                                       |              |  |        |  |
|           |              |               | NOTOW             |               | 13010                                       |              |  |        |  |
|           |              |               | L                 |               |   |              | ·. · · · · · · · · · · · · · · · · · · |        |  |
| Delaware  |              | 5461          |                   |               |   |              |  |        |  |
| Delaware  |              | <u> </u>      |                   |               |   |              | · · · · · · · · · · · · · · · · · · ·  |        |  |
| Delaware  |              |               | ┝ <u>╵</u> ━┅━─── |               |   |              |  | :      |  |
| Bell Cany |              |               |                   |               |   |              |  |        |  |
| Cherry C: |              |               | L                 |               |   |              |  |        |  |

10143

Wolfcamp

Patriot Drilling, LLC

4

| Marbob Energy Corp.<br>Scratch Stc#1<br>Lea County, NM | E.24-185-33e<br>1980/N 0-660/W<br>30.025-36996 |
|--|--|
|  |  |

#### STATE OF NEW MEXICO

#### **DEVIATION REPORT**

|                   |                  |              | •   |   |
|-------------------|------------------|--------------|---|---|
| Depth             | <b>Deviation</b> | <u>Depth</u> | Deviation   |   |
| 262               | 1/4              | 8309         | 1 1/4   |   |
| 403               | `                | 8816         | 1 1/4   |   |
| 946               | 3/4              | 9317         | 2 3/4   |   |
| 1232              | · 0              | 9381         | 0   |   |
| 1517 <sup>.</sup> | 3/4              | 9505         | 2   |   |
| 1825              | 3/4              | 9635         | 1 3/4   |   |
| 2121              | 3/4              | 9984         | 2 1/4   |   |
| 2439              | 3/4              | 10109        | 2   |   |
| 2852              | 1 3/4            | 10471        | 2 3/4   |   |
| 2947              | 1 1/4            | 10566        | 3 1/4   |   |
| 3106              | 1 1/2            | 10677        | 2 2/3   |   |
| 3406              | 1 1/4            | 10740        | 2 1/2   |   |
| 3773              | 2                | 10804        | 1 1/2 185 10 20   |   |
| 3900              | 1 3/4            | 10867        |   |   |
| 4186              | <u>;</u> 1       | 10931        | 1 2/9   |   |
| 4472              | 1                | 10995        | AUG 1205  |   |
| 4917              | 0                | 11058        | 151/2 Received  |   |
| 5419              | 1                | 11122        | 18/2 Nobis a  |   |
| 5927              | 1                | 11376        | 17/2 000 000<br>1 7/2 000 000<br>1/4 000 000 000<br>1/4 000 000 000 000 | ÷ |
| 6436              | 1 1/4            | 11421        | 1 7.2 120   |   |
| 6912              | 2                | 11802        | 1/4 -233545854 51   |   |
| 7008              | 1 3/4            | 12275        | 1/2   |   |
| 7262              | •                | 12621        | 1/2   |   |
| 7643              | 2                | 12951        | 3/4   |   |
| 7833              | 1 1/2            | 13378        | 3/4   |   |
|                   |                  |              | 2   |   |

M. Leroy Peterson

The foregoing instrument was acknowledged before me on this 27th day of June, 2005 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2009

Notary Public for Midland County, Texas

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| State Lease - 6 copies<br>Fee Lease - 5 copies<br>Subtrict       Subtrict OF A FORM A Data and Natural Resources       Revised June 10,<br>Numerals and Natural Resources         State Lease - 5 copies<br>Fee Lease - 5 copies<br>District II       Energy, Minerals and Natural Resources       Revised June 10,<br>Subtrict IV         1625 N. French Dr., Hobbs, NM 88240<br>District IV       Oil Conservation Division<br>1220 South St. Francis Dr.<br>Santa Fe, NM 87505       State Oil & Gas Lease<br>STATE X       State Oil & Gas Lease No.         1220 S. Francis Dr., Santa Fe, NM 87505       State Oil & Gas Lease No.       State Oil & Gas Lease No.       State Oil & Gas Lease No.         WELL COMPLETION OR RECOMPLETION REPORT AND LOG       7. Lease Name or Unit Agreement Name       7. Lease Name or Unit Agreement Name         b. Type of Completion:<br>NEW X WORK DEEPEN DEL DIFF.<br>WELL OVER       PLUG DIFF.<br>BACK RESVR. DOTHER       SCRATCH STATE COM.         2. Name of Operator       8. Well No.       1         3. Address of Operator       9. Pool name or Wildcat         PO BOX 227, ARTESIA, NM 88211-0227       CORBIN; MORROW, SOUTH (GAS)   | · · · · · · · · · · · · · · · · · · · |                                       |                  |               |                          |                 |                 | · – –     |   |                            |            |                                       |
|--|---------------------------------------|---------------------------------------|------------------|---------------|--------------------------|-----------------|-----------------|-----------|---|----------------------------|------------|---------------------------------------|
| Difference     Conservation     Diff Conservation     Submit A result, Name     Submit A result, Name<   | State Lease - 6 copie                 |                                       | æ                |               |                          |                 |                 |           |   |                            | D          | Form C-                               |
| DBBBBL     Oil Conservation Division     30-02-03970       DBBBBL     Division     5. Indicate Type of Lease       DBBBBL     Santa Fe, NM 87505       Santa Fe, NM 87505     Santa Fe, NM 87505       Subar Set, Santa Fe, NM 87505     Santa Fe, NM 87505       UNELL COMPLETION OR RECOMPLETION REPORT AND LOG     Image State  | District 1                            |                                       |                  | Ene           | ergy, Minerals and       | Natural Ke      | sources         |           | WELL API                                | NO.                        | K          | evised Julie 10,                      |
| Data will Average Avera      | District II                           |                                       |                  |               | Oil Conservat            | ion Divisio     | 'n              |           |   |                            |            | 36996                                 |
| Stata Fe, NM 87505       Stata Fe, NM 87505       Stata Fe, NM 87505         WELL COMPLETION OR RECOMPLETION REPORT AND LOG       Forest Completion:       Stata Fe, NM 87505         Tops of Well       GAS WELL 20 DRY OTHER       7. Less Name or Unit Agreement Name         New D WORK       DEFP       PLUG D DRY OTHER       SCRATCH STATE COM         New D WORK       DEFP       PLUG D DRY OTHER       SCRATCH STATE COM         New D WORK       DEFP       PLUG D DRY       SCRATCH STATE COM         New D WORK       DEFP       PLUG D DRY       SCRATCH STATE COM         NARBOB ENERGY CORPORATION       4. Well New       1       SCRATCH STATE COM         Unit center       E       1920 Feet From Ter       NORTH       Line and       660       Free Fempleting       LINE Common Management Name         0.50227.       ARTESIA, NM 88211-0227       CORBIN; MORROW, SOUTH (CAS)         0.50304dd 11: Der TD Reched       12. Date Compl. Ready to Prec.       13. Electron (FRE NEW, PCG, CAS)       13. Electron (FRE NEW, PCG, CAS)         10.5010504dd 11: Der TD Reched       12. Mone Compl. Ready to Prec.       13. Electron (FRE NEW, PCG, CAS)       13. Electron (FRE NEW, PCG, CAS)         13.501       13.554       12. JAR       13.8 Electron (FRE NEW, PCG, CAS)       13. Electron (FRE NEW, PCG, CAS)         13.701  | District III                          |                                       |                  |               |                          |                 |                 |           |   |                            |            |                                       |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG           There of Well           A mark of Well           OF Well         Completion           NEW OF WORK         DEEPEN         PLUG         OFFER           SCRATCH STATE COM           1           AMARBOB ENERGY CORPORATION           1           ATTECT OF CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOB ENERGY CORPORATION           AMARBOD ENERGY CORPORATION           AMARDOD ENERGY CORPORATION TO MORE AND MARBOD AND MARDOD AND MARDOD AND MARBOD AND MARBOD AND MARBOD AND MARBOD AND MAR  | District IV                           |                                       |                  |               | Santa Fe, N              | M 87505         |                 | F         |   |                            |            |                                       |
| In Type of Well:<br>OIL WELL GAS WELL DO DEY OTHER       7. Less Name or Unit Agreement Name         New Construction       PLUG DEFEN       PLUG DEFEN       PLUG DEFEN         New Construction       SCRATCH STATE COM       SCRATCH STATE COM         Name of Openior       S. Well Not       DEEPEN       PLUG DEFEN         Name of Openior       S. Well Not       DEEPEN       PLUG DEFEN         OL MARDOB ENDERGY CORPORATION       S. Well Not       DEEPEN       PLUE Not         Other State of Openior       S. Not Not       DEEPEN       PLUE Not         Other State of Openior       S. Not Not       DEEPEN       PLEX.       CORBIN: MORROW, SOUTH (GAS)         Valid Lexition       24       Township       Iss Range 32E       NMMM (Gas)       DEE State Completion:       WEST         10. Due Spodded       11. Due toopi (Rary to brock)       11 Elevations (DM & Bus Rary Conc. Alt Dick Comb Completion:       VEST         13. Tool Depth       16. Prog Bask 7.D.       17. If Multiple Compl. Hew Many       Mathemating Bask 7.D.       Life Comb Name       10. No State 7.D.       10. No State 7.D  | WELL C                                | OMPLET                                | 187505<br>10N C  | RRECC         | MPLETION REP             |                 | LOG             |           |   |                            |            |                                       |
| NEL       OVER       DEEPEN       PLUG       DFF.       SCRATCH       STATUS         2. Name of Operator       8. Well No.       1       1         3. Address of Operator       9. Pool pame or Wildest       1         2. Address of Operator       9. Pool pame or Wildest       CORBIN; MORROW, SOUTH (GAS)         3. Address of Operator       9. Pool pame or Wildest       CORBIN; MORROW, SOUTH (GAS)         4. Well Location       10 per Space (SCR Corp.)       WEST       WEST         5. Well Location       24       Township       185       Range       332       NMPM       NPF       WEST       Complete (Carbo Prock)       13 Elevations OPA BAS, PC(Ke, ctc.)       14 Elev. Operator       14 Elev. Operator       14 Elev. Operator       Complete Corp.       161 Elevations OPA BAS, PC(Ke, ctc.)       14 Elev. Operator       131701       13584'       13584'       13710'       13584'       1200'       10 Elevations OPA BAS, PC(Ke, ctc.)       14 Elev. Operator       11170'       13710'       1336'       13710'       13584'       1200'       10 Elevations OPA BAS, PC(Ke, ctc.)       14 Elev. Operator       11170'       13710'       1370'       1370'       1370'       1370'       1370'       1370'       1370'       1370'       1200'       177174'       175.5X.       CIRC  | la. Type of Well:                     |                                       |                  |               |                          |                 |                 | _         | 7. Lease Name                           | or Unit Agreen             | nent Na    | ame                                   |
| MARBOB ENERGY CORPORATION     Image: Comparison of the com | NEW 🛛                                 | WORK                                  | DEEPEN           |               |                          | OTHER           |                 |           |   | <u>CH STATE</u>            | COM        |                                       |
| 3. Addees of Operator       6. Pool name or Wildest         PO BOX 227, ARTESIA, NM 88211-0227       CORBIN; MORROW, SOUTH (GAS)         Well Location       Unit Letter       E       1980 Feet From Tite       NORTH       Line and       660       Peer Profile: 0.7  | •                                     | •                                     | CORPO            | RATION        |                          |                 |                 |           |   | 1                          |            |                                       |
| 4. Well Location       Unit Letter       E       1980       Feet From Tize       NORTH       Line and       660       Feet From Tile*       WEST         Section       24       Township       185       Range       33E       NMPM       050       1262       Counsy         10 Due Spudded       11 Date TD. Rashed       12 Date Compil (Ready to Frod.)       13: Elevations (DFA REN, RT)(GR, etc.)       14 Elev. Capabada         42/25/05       6/22/05       7/19/05       700       10: Elevations (DFA REN, RT)(GR, etc.)       14 Elev. Capabada         13: 710*1       13584*       To: Multiple Compil. How Many       18. Intervals       Rodey: Tools       1000       12000       10000000         13: 710*1       13584*       Tor, MORROW       10. Well State       10  | 3. Address of Ope                     | ator                                  |                  |               |                          |                 |                 |           |   |                            |            |                                       |
| Sectors       24       Case Spudded       11.2 Date Spudded <td< td=""><td>PO BOX<br/>4. Well Location</td><td>227<b>,</b> A</td><td>RTESI</td><td>A, NM</td><td>88211-0227</td><td></td><td></td><td></td><td>CORBIN</td><td>N; MORRON</td><td><b>,</b> S</td><td>UUTH (GAS)</td></td<>   | PO BOX<br>4. Well Location            | 227 <b>,</b> A                        | RTESI            | A, NM         | 88211-0227               |                 |                 |           | CORBIN                                  | N; MORRON                  | <b>,</b> S | UUTH (GAS)                            |
| Sectors       24       Case Spudded       11.2 Date Spudded <td< td=""><td></td><td></td><td></td><td>_ ·.</td><td></td><td></td><td></td><td></td><td>0 Fe</td><td>Stram The 10</td><td>7775</td><td></td></td<>  |                                       |                                       |                  | _ ·.          |                          |                 |                 |           | 0 Fe                                    | Stram The 10               | 7775       |                                       |
| 13. Toial Depth       16. Flug Back T.D.       17. If Multiple Compl. How Many Zones?       18. Intervals Ready Tools Autor Science Production Science Productin Science Production Science Production Sci                                 | 10. Date Spudded                      | 11. Date T.                           | D. Reach         |               | Date Compl. (Ready to Pr |                 | Elevations      | (DF&      | <u>MPM / 15</u><br>RKB, <u>RT</u> , GR, | etc.) 4                    | . Elev.    | Casinghead                            |
| 13710'     13584'     Zones7     Drilled By     0.8     13710'     1360'       19. Producting laterval(n) of this completion - Top, Bottom, Name     13170'     1300'     10. Wsk Updetional Survey Made       20. Type Electric and Other Logs Run     12. Wisk Well Cored     10. Wsk Updetional Survey Made       21. Type Electric and Other Logs Run     12. Wisk Well Cored     10. Wsk Updetional Survey Made       23.     CASING SIZE     WEIGHT LB_FT.     DEPTH SET     HOLE SIZE     CEMENTING RECORD     AMOUNT PULLER       13. 3/8''     54#     403'     17. 1/2''     475 SX, CIRC     NONE       8. 5/8''     32#     4948'     12. 1/4''     700 SX, CIRC     NONE       7'''     26#     4000'     7.7/8'''     350 SX, CIRC     NONE       24.     LINER RECORD     25.     TUBING RECORD       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     2.3/8''     13100'       24.     LINER RECORD     27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.     DEPTH NTERVAL     AMOUNT AND KIND MATERIAL USED       13170'     13308'     (120 SHOTS)     13170'-13308'     PRODUCTION       28     PRODUCTION     Stata (Prod. or Shut-in)     PROD       7/31/05     24     Cateladed 24.     Oil - Bbi.     Gas - MCF  |                                       |                                       |                  | T.D.          | 17. If Multiple Compl. 1 | How Many        | 18. Interv      | als       | Rotary Tools                            | AUG 200                    | Lable T    | 00ls5)                                |
| 19. Producting Intervel(a) of this completion - Top, Bottom, Name       13170' - 13308' MORROW       12. Was Well Cored         21. Type Electric and Other Logs Ram       22. Was Well Cored       12. Was Well Cored         23. CASING SIZE       WEIGHT LB, FT.       DEPTH SET       HOLE SIZE       CEMENTING RECORD       AMOUNT PULLEE         13. 3/8''       54#       403'       17. 1/2''       475 SX, CIRC       NONE         8. 5/8''       32#       4948'       12. 1/4''       700 SX, CIRC       NONE         7'''       26#       4000'       7.7/8''       350 SX, CIRC       NONE         4. 1/2''       11.6#       1370'       6. 1/8''       1750 SX, CIRC       NONE         24.       LINER RECORD       25       TUBING RECORD       SIZE       DEPTH MET         13170'       13308'       (120 SHOTS)       SACKS CEMENT       SCREEN       SIZE       DEPTH NET         26.       Perforation record (interval, size, and number)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH METEVAL       AMOUNT AND KIND MATERIAL USED         13170'       13308'       (120 SHOTS)       13170'-13308'       FRAC W/ 75K# VERSAPROP         13170'       FLOWING       PRODUCTION       Size and type pump)       PROD         28  | 13710                                 | , ) .                                 | 1358             | 41            | Zones?                   |                 | Drilled B       | y         |   | <sup>S</sup> soi <b>ve</b> | d          | 17                                    |
| 21. Type Electric and Other Logs Run       22. Was Well Cornel         DLL, CSNG       22. Was Well Cornel         23.       CASING RECORD (Report all strings set in well)         CASING SIZE       WEIGHT LB_FT.         13 3/8''       54#       403'       17 1/2''       475 SX. CIRC       NONE         13 3/8''       54#       403'       17 1/2'''       475 SX. CIRC       NONE         14 1/2''       11.6#       13709''       6 1/8'''       1750 SX. CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD       NONE         24.       LINER RECORD       25.       TUBING RECORD         SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         26.       Perforation record (interval, size, and number)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH NTERVAL       AMOUNT AND KINN MATERIAL USED         13170' - 13308'       (120''SHOTS)       PRODUCTION       Netf'' Status (Prod. or Shur-in)         7/30/05       Production Method (Flowing, gaz lift, pumping - Size and type pump)       PROD         7/31/05       24       Cicke Size       Prod'' Ford'' Size and type pump)       PROD         7/31/05       24       Cicke   | 19. Producing Inte                    |                                       | <b>I</b>         |               |                          | 0 Was Difectio  |                 | rveý Made |   |                            |            |                                       |
| CASING RECORD (Report all strings set in well)         CASING SIZE       WEIGHT LE/FT.       DEPTH SET       HOLE SIZE       CEMENTING RECORD       AMOUNT PULLER         13       3/8"       54#       403"       17       1/2"       475       SX. CIRC       NONE         8       5/8"       32#       4948"       12       1/4"       700       SX. CIRC       NONE         7"       26#       4000'       7 /8"       350       SX, CIRC       NONE         4       1/2"       11.6#       13709"       6       1/8"       1750       SX, CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD       SIZE       DEPTH SET       PACKER SET         5IZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         13170' - 13308'       (120       SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308'       (120       SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308'       (120       SHOTS)  | 21. Type Electric a                   | ind Other Log                         | s Run            |               | · ·                      |                 |                 |           | 22. Was Well                            | Cored                      | n.V        | <u> </u>                              |
| CASING SIZE       WEIGHT LB/FT.       DEPTH SET       HOLE SIZE       CEMENTING RECORD       AMOUNT PULLEE         13 3/8"       54#       403"       17 1/2"       475 SX, CIRC       NONE         8 5/8"       32#       4948"       12 1/4"       700 SX, CIRC       NONE         7"       26#       4000"       7 7/8"       350 SX, CIRC       NONE         4 1/2"       11.6#       13709"       6 1/8"       1750 SX, CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD       NONE         24.       LINER RECORD       23.6"       13100"       13100"         26.       Perforation record (interval, size, and number)       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         13170" - 13308"       (120 SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170" - 13308"       (120 SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170" - 13308"       FLOWING       Sate of Test       AMOUNT AND KIND MATERIAL USED       13170"-13308"       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Choke   |                                       |                                       |                  |               | CASING REC               | ORD (Re         | ort all s       | tring     |   |                            |            |                                       |
| 8       5/8"       32#       4948'       12 1/4"       700 SX, CIRC       NONE         7"       26#       4000'       7 7/8"       350 SX, CIRC       NONE         4       1/2"       11.6#       13709'       6 1/8"       1750 SX, CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD       25.       DEPTH SET       PACKER SET         SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         24.       LINER RECORD       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KND MATERIAL USED         13170' - 13308'       (120 SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KND MATERIAL USED         13170' - 13308'       (120 SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KND MATERIAL USED         13170' - 13308'       (120 SHOTS)       28.       PRODUCTION       DEPTH STEr Production       PRODUCTION         28.       PRODUCTION       Stee and type pump)       Well Status (Prod. or Shut-In)       PROD         7/31/05       24       Choke Size       Prod'n For       Gas - MCF       Water - Bb).       Gas - Oil Ratio <td></td> <td></td> <td></td> <td></td> <td>DEPTH SET</td> <td></td> <td>LE SIZE</td> <td></td> <td>CEMENTING</td> <td>GRECORD</td> <td>A</td> <td></td>  |                                       |                                       |                  |               | DEPTH SET                |                 | LE SIZE         |           | CEMENTING                               | GRECORD                    | A          |                                       |
| 7"       26#       4000'       7 7/8"       350 SX, CIRC       NONE         4 1/2"       11.6#       13709'       6 1/8"       1750 SX, CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD       PACKER SET         24.       SIZE       DEPTH SET       PACKER SET       2 3/8"       13100'         24.       LINER RECORD       23.       TUBING RECORD       23.       23.8"       13100'         25.       POP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         26.       Perforation record (interval, size, and number)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308'       (120 SHOTS)       13170'-13308' FRAC W/ 75K# VERSAPROP         13170' - 13308'       Production Method (Flowing, gas lift, pumping - Size and type pump)       Well Status (Prod. or Shur-in)         7/30/05       FLOWING       Prod'n For       Oil - Bbi       Gas - MCF       Water - Bbi.       Gas - Oil Ratio         7/31/05       24       Choke Size       Prod'n For       Oil - Bbi       Gas - MCF       Water - Bbi.       Oil Gravity - API - (Corr.)         9D Disposition of Gas (Sold, used for fuel, weited, etc.)  |                                       |                                       |                  |               |                          |                 | <u> </u>        |           |   |                            |            |                                       |
| 4 1/2"       11.6#       13709"       6 1/8"       1750 SX, CIRC       NONE         24.       LINER RECORD       25.       TUBING RECORD         SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         26.       Perforation record (interval, size, and number)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         13170"       -13308"       (120 SHOTS)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED       13170"-13308"       FRAC       W/ 75K# VERSAPROP         28       PRODUCTION       13170"-13308"       FRAC       W/ 75K# VERSAPROP         7/30/05       FLOWING       Production Method (Flowing: gas lift, pumping - Size and type pump)       Well Status (Prod. or Shut-in)         7/31/05       24       Choke Size       Prodn For<br>Test Period       Oil - Bbi       Gas - MCF       Water - Bbi.       Gas - Oil Ratio         7/31/05       24       Csloulated 24-       Oil - Bbi:       Gas - MCF       Water - Bbi.       Oil Gravity - API - (Corr.)         97. Disposition of Gas (Sold. used for fuel. wented, etc.)       SOLD       Oil Gravity - API - (Corr.)       OWEN PUCKETT         10.1 Accon       Shoth sides of this form   | <u> </u>                              | <b>,</b>                              |                  |               |                          |                 |                 |           |   |                            |            |                                       |
| SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         26.       Perforation record (interval, size, and number)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         13170' - 13308'       (120'SHOTS)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED       13170'-13308'       FRAC W/ 75K# VERSAPROP         28       PRODUCTION       13170'-13308'       FRAC W/ 75K# VERSAPROP         7/30/05       FLOWING       Production Method (Flowing: gas lift, pumping - Size and type pump)       Well Status (Prod. or Shur-In)         7/31/05       24       Choke Size       Prod'n For       Oil - Bbl:       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Calculated 24-       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - AP1 - (Corr.)         90. Disposition of Gas (Sold, used for fuel, venited, etc.)       SOLD       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - AP1 - (Corr.)         10. List Attachmenis       SOLD       Oil Cort of this form as true and complete to the best of my knowledge and belief         Printed       Name       DIANA J.       BRIGGS Title       PRODUCTION ANALYST       Date 8/8/C <td>4 1/2</td> <td>211</td> <td>11.</td> <td>6#</td> <td>13709</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   | 4 1/2                                 | 211                                   | 11.              | 6#            | 13709                    |                 |                 |           |   |                            |            |                                       |
| SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET       PACKER SET         26.       Perforation record (interval, size, and number)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         13170' - 13308'       (120'SHOTS)       27.       ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED       13170'-13308'       FRAC W/ 75K# VERSAPROP         28       PRODUCTION       13170'-13308'       FRAC W/ 75K# VERSAPROP         7/30/05       FLOWING       Production Method (Flowing: gas lift, pumping - Size and type pump)       Well Status (Prod. or Shur-In)         7/31/05       24       Choke Size       Prod'n For       Oil - Bbl:       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Calculated 24-       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - AP1 - (Corr.)         90. Disposition of Gas (Sold, used for fuel, venited, etc.)       SOLD       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - AP1 - (Corr.)         10. List Attachmenis       SOLD       Oil Cort of this form as true and complete to the best of my knowledge and belief         Printed       Name       DIANA J.       BRIGGS Title       PRODUCTION ANALYST       Date 8/8/C <td>74</td> <td></td> <td></td> <td></td> <td>I INER RECORD</td> <td>·</td> <td></td> <td>125</td> <td></td> <td></td> <td>חפר</td> <td></td>   | 74                                    |                                       |                  |               | I INER RECORD            | ·               |                 | 125       |   |                            | חפר        |                                       |
| 26. Perforation record (interval, size, and number)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         13170' - 13308' (120 SHOTS)       27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308' (120 SHOTS)       13170'-13308' FRAC W/ 75K# VERSAPROP         28       PRODUCTION         Date First Production       Production Method (Flowing, gas lift, pumping - Size and type pump)         7/30/05       FLOWING         24       Prod'n For         7/31/05       24         Casing Pressure       Calculated 24-         Hour Rate       Oil - Bbl:         97. Disposition of Gas (Sold, used for fuel, venied, etc.)       SOLD         SOLD       OWEN PUCKETT         10. List Attachments       OWEN PUCKETT         IQCS, DEVIATION SURVISY       Printed         Name       DIANA J. BRIGGS Title PRODUCTION ANALYST   |                                       | TOP                                   |                  | BOTTOM        |                          | NT SCREEN       | 1               |           |   |                            |            | PACKER SET                            |
| 13170' - 13308' (120 SHOTS)       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308' (120 SHOTS)       Image: constraints       Image: constraints         28       PRODUCTION         28       PRODUCTION         7/30/05       FLOWING       Production Method (Flowing, gas lift, pumping - Size and type pump)       Well Status (Prod. or Shut-in)         7/30/05       FLOWING       Production For       Oil - Bbl       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Calculated 24-       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/30/05       1399       3       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Cas (Sold, used for fuel, venied, etc.)       Test Witnessed By       OWEN PUCKETT         SOLD       0. List Attachments       OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       Information shown on both sides of this form as true and complete to the best of my knowledge and belief         Signature <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2 3/8"</td> <td>13100</td> <td>l<br/></td> <td></td>   |                                       |                                       |                  |               |                          |                 |                 |           | 2 3/8"                                  | 13100                      | l<br>      |                                       |
| 13170' - 13308' (120 SHOTS)       DEPTH INTERVAL       AMOUNT AND KIND MATERIAL USED         13170' - 13308' (120 SHOTS)       Image: constraints       Image: constraints         28       PRODUCTION         28       PRODUCTION         7/30/05       FLOWING       Production Method (Flowing, gas lift, pumping - Size and type pump)       Well Status (Prod. or Shut-in)         7/30/05       FLOWING       Production For       Oil - Bbl       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Calculated 24-       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/30/05       1399       3       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gas - Oil Ratio         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Cas (Sold, used for fuel, venied, etc.)       Test Witnessed By       OWEN PUCKETT         SOLD       0. List Attachments       OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       Information shown on both sides of this form as true and complete to the best of my knowledge and belief         Signature <td>6 Perforation</td> <td>ecord (interva</td> <td></td> <td>( number)</td> <td></td> <td>27 40</td> <td></td> <td>ED A</td> <td>CTUDE CE</td> <td>VENT SOUT</td> <td>TTTT</td> <td>FTC</td>   | 6 Perforation                         | ecord (interva                        |                  | ( number)     |                          | 27 40           |                 | ED A      | CTUDE CE                                | VENT SOUT                  | TTTT       | FTC                                   |
| 13170' - 13308'       (120' SHOTS)         13170' - 13308'       FRAC W/ 75K# VERSAPROP         140       FLOWING       PROD         7/30/05       FLOWING       PROIN FOR         7/31/05       24       Choke Size       Prod'n For         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.         7/31/05       24       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Gas (Sold, used for fuel, weited, etc.)       Soll D       Owein PUCKETT       Owein PUCKETT         10. List Attachm   |                                       | •                                     |                  |               |                          |                 |                 |           |   |                            |            |                                       |
| Date First Production       Production Method (Flowing, gas lift, pumping - Size and type pump)       Well Status (Prod. or Shut-in)         7/30/05       FLOWING       PROD         Date of Test       Hours Tested       Choke Size       Prod'n For<br>Test Period       Oil - Bb)       Gas - MCF       Water - Bb).       Gas - Oil Ratio         7/31/05       24       Calculated 24-<br>Hour Rate       Oil - Bb):       Gas - MCF       Water - Bb).       Oil Gravity - API - (Corr.)         Press.       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bb):       Gas - MCF       Water - Bb).       Oil Gravity - API - (Corr.)         19. Disposition of Gas (Sold, used for fuel, vented, etc.)       Test Witnessed By<br>OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       DOGS , DEVIATION SURVEY       Printed<br>Name       Printed<br>Name       DIANA J. BRIGGS Title       PRODUCTION ANALYST       Date 8/8/C   | 13170'                                | - 13308                               | ' (1             | 20 SHOT       | (S)                      | 1317            | <u>)'-1330</u>  | )8'       |   |                            |            |                                       |
| Date First Production       Production Method (Flowing, gas lift, pumping - Size and type pump)       Well Status (Prod. or Shut-in)         7/30/05       FLOWING       PROD         Date of Test       Hours Tested       Choke Size       Prod'n For<br>Test Period       Oil - Bbl:       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Calculated 24-<br>Hour Rate       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         Press.       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         Poil Disposition of Gas (Sold, used for fuel, vented, etc.)       Itest Witnessed By<br>OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       DOGS , DEVIATION SURVEY       Printed<br>Name       Printed<br>Name       Printed<br>Name       Printed<br>Name       Printed<br>Name       DIANA J. BRIGGS Title<br>PRODUCTION ANALYST       Date 8/8/C   | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |                  | •<br>         |                          | ·               |                 |           |   |                            |            | · · · · · · · · · · · · · · · · · · · |
| 7/30/05       FLOWING       PROD         Date of Test       Hours Tested       Choke Size       Prod'n For<br>Test Period       Oil - Bbl       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       Test Period       59       1399       3         Flow Tubing<br>Press.       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Gas (Sold, used for fuel, vented, etc.)       Test Witnessed By<br>OWEN PUCKETT       Oil Statistics       OWEN PUCKETT         10. List Attachments       DOGS , DEVIATION SURVEY       On both sides of this form as true and complete to the best of my knowledge and belief         Printed<br>Name       Name       DIANA J. BRIGGS Title       PROD   |                                       | on                                    | Pro              | duction Meth  |                          |                 |                 | ī         | Well Status                             | (Prod or Shut i            |            |                                       |
| Date of Test       Hours Tested       Choke Size       Prod'n For<br>Test Period       Oil - Bbl       Gas - MCF       Water - Bbl.       Gas - Oil Ratio         7/31/05       24       24       59       1399       3         Flow Tubing       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         Press.       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bbl:       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Gas (Sold, used for fuel, venied, etc.)       SOLD       Test Witnessed By<br>OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       IpoGS, DEVIATION SURVEY       Out of this form as true and complete to the best of my knowledge and belief         Printed       Name       DIANA J. BRIGGS Title       PRODUCTION ANALYST       Date 8/8/0   |                                       |                                       |                  |               |                          | iping - size an | ypc pump        | /         |   |                            |            |                                       |
| 7/31/05       24       Test Period       59       1399       3         Flow Tubing<br>Press.       Casing Pressure       Calculated 24-<br>Hour Rate       Oil - Bbl.       Gas - MCF       Water - Bbl.       Oil Gravity - API - (Corr.)         19. Disposition of Gas (Sold, used for fuel, venied, etc.)       SOLD       Test Witnessed By<br>OWEN PUCKETT       OWEN PUCKETT         10. List Attachments       In Order of the information shown on both sides of this form as true and complete to the best of my knowledge and belief       Printed         Name       DIANA J. BRIGGS Title       PRODUCTION ANALYST       Date 8/8/0   |                                       |                                       | d ]              |               |                          | Oil - Bbl       |                 | Gas       |   |                            |            | Gas - Oil Ratio                       |
| Press. Hour Rate Hour Rate Hour Rate Hour Rate Hour Rate Hour Rate Hour Rate Hour Rate Hour Rate Test Witnessed By OWEN PUCKETT OWEN PUCKETT HOGS, DEVIATION SURVEY IN J her by certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Signature Hour Rate DIANA J. BRIGGS Title PRODUCTION ANALYST Date 8/8/0  | 7/31/05                               | 24                                    |                  |               | Test Period              | 5               | •               |           | 1399                                    | 3                          |            |                                       |
| SOLD       OWEN PUCKETT         WOCS, DEVIATION SURVEY       OWEN PUCKETT         In J hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief         Signature       Printed         Name       DIANA J. BRIGGS Title PRODUCTION ANALYST         Date 8/8/0   |                                       | Casing Pres                           | 6ur <del>e</del> |               | 4- Oil - Bbl:            | Gas             | MCF             | . w       | ater - Bbl.                             | Oil Grav                   | ity - Al   | PI - (Corr.)                          |
| SOLD<br>30. List Attachments<br>bQGS, DEVIATION SURVEY<br>BIT I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief<br>Signature<br>Signature<br>Signature<br>DIANA J. BRIGGS Title PRODUCTION ANALYST Date 8/8/0   | 29. Disposition of                    | Gas (Sold, use                        | d for fuel,      | vented, etc.) |                          | ,               |                 |           |   | Test Witnessed             | Bv         |                                       |
| LOGS, DEVIATION SURVEY         BI I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief         Signature       Printed         Name       DIANA J. BRIGGS Title       PRODUCTION ANALYST         Date 8/8/0  |                                       | te                                    | · ·              |               |                          |                 |                 | •         |   |                            | •          | ETT                                   |
| Signature LAND TALACO Printed DIANA J. BRIGGS Title PRODUCTION ANALYST Date 8/8/0  | LOGS. 1                               | DEVIATIO                              | N SUF            | VEY           | · · ·                    | ۰ ·             | <u> </u>        |           |   |                            |            |                                       |
| Signature LANA ACA Name DIANA J. BRIGGS Title PRODUCTION ANALYST Date 8/8/0  | or .1 nevery certi                    | ry ingi the in                        |                  | n shown on    | $\mathbf{N}$             | as true and c   | omplete to      | the b     | est of my kno                           | wledge and be              | elief _    |                                       |
|  | Signatura M                           | and                                   | D                | LL ACA        | V Name DIA               | NA J. BR        | <u>IGGS Tit</u> | le P      | RODUCTIC                                | ON ANALYS                  | ST         | Date 8/8/0                            |

#### **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeaste         | rn New Mexico          | Northwestern          | New Mexico       |
|--------------------|------------------------|-----------------------|------------------|
| T. Anhy            | T. Canyon              | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            | T. Strawn 12180'       | T. Kirtland-Fruitland | T. Penn. "C"     |
| B. Salt            | T. Atoka 12252'        | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates 3086'     | T. Miss                | T. Cliff House        | T. Leadville     |
| T. 7 Rivers 3616'  | T. Devonian            | T. Menefee            | T. Madison       |
| T. Queen           | T. Silurian            | T. Point Lookout      | T. Elbert        |
| T. Grayburg        | T. Montoya             | T. Mancos             | T. McCracken     |
| T. San Andres 5110 | T. Simpson             | T. Gallup             | T. Ignacio Otzte |
| T. Glorieta        | T. McKee               | Base Greenhorn        | T. Granite       |
| T. Paddock         | T. Ellenburger         | T. Dakota             | Т                |
| T. Blinebry        | T. Gr. Wash            | T. Morrison           | Τ.               |
| T.Tubb             | T. Delaware Sand       | T.Todilto             | T                |
| T. Drinkard        | T. Bone Springs 9262 ' | T. Entrada            | Τ                |
| T. Abo             | T. RUSTLER 1614'       | T. Wingate            | Τ.               |
| T. Wolfcamp        | T. BRUNSON SAND 12717' | T. Chinle             | Т                |
| T. Penn            | T. MORROW 13108'       | T. Permian            | Т                |
| T. Cisco (Bough C) | T. CHESTER 13542'      | T. Penn "A"           | Т.               |

#### OIL OR GAS SANDS OR ZONES

| No. 1, from                           | to | <br>No. 3, from |
|---------------------------------------|----|-----------------|
| No. 2. from                           | to | <br>No. 4. from |
| · · · · · · · · · · · · · · · · · · · |    | WATER SANDS     |

No. 3, from...... No. 4, from......

Include data on rate of water inflow and elevation to which water rose in hole.

 No. 1, from.
 to.
 feet.

 No. 2, from.
 to.
 feet.

 No. 3, from.
 to.
 feet.

#### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | То | Thickness<br>In Feet | Lithology | From | То | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    | · .                  | · · ·     |
|      |    |                      |           |      |    |                      |           |
| · .  |    |                      |           |      |    |                      |           |
|      |    |                      |           |      |    |                      |           |
|      |    |                      |           |      |    |                      |           |
|      |    |                      |           |      |    |                      |           |

| District_11   | N. French Dr., Hobbs, NM 88240  |   |   |   |  |  |   | Natural Resources Revised June 10, 2   |                  |         | Form C-104<br>Revised June 10, 2003                                |  |   |
|---|---|---|---|---|--|--|---|--|------------------|---------|--|--|---|
| District III<br>1000 Rio Brazos F<br>District IV  |   |   |   | U   |  |  | tion Division<br>t. Francis Di  |  |                  |         | Subn   | nit to App   | propriate District Office<br>5 Copies   |
| 1220 S. St. Francis   | s Dr., S  | anta Fe, N  | M 8750  | 15  |  | Santa Fe, 1  |   |  |                  |         |  |  | AMENDED REPORT  |
| r <del></del>   | <u> </u>  |   |   |   |  |  | E AND AUT   |  |                  |         |  | TRANS  | PORT  |
| MARBOB  | <i>me an</i><br>ENER  | d Addre<br>GY CO  | ss<br>RPOR  | ATION   | HWR Vine   | T. (170  | REACED IN   |  | <sup>1</sup> OGR | JD Nu   | mber   | 14(  | 149   |
| PO BOX  | 227   |   |   | ō   | COIGNAT  | ED BELOW.  | REACED IN   | THE P  | <b>Alle</b> as   | on for  | Filing C   | ode/ Effe  | ctive Date  |
|   | ,   | 882   | <u> </u>  | ~~/   | ONIT I   | HIS OFFICE   | N 00 001 11   | OTC  | MOUR             |         |  |  |   |
| <sup>4</sup> APJ Number<br>30 - 025-30  |   |   | ' Pool  | Name '  | 00901  | N. MORRON  | L COUTH   | (  | `                |         | - P  | ool Code   | 25080   |
| <sup>7</sup> Property Co<br>34465   |   |   | * Prop  | erty Nan  | 1e .   | ATCH STA   | N, SOUTH  | GAS  |                  |         | 'w   | ell Numb   | 75080<br>Her<br>1   |
|   | face l  | Locatio   | n   |   |  |  |   |  |                  |         |  |  | ·····   |
|   |   | n Tow   |   | Range   | Lo1.Idn  | Feet from th   | e North/South   | Line   | Feet fre         | om the  | East/  | West line  | County / CO   |
| E   | 24  |   |   | 33E   |  | 1980   | NORTI   | ł  | 66               | 0       | W  | <u>est</u>   | EDBY LEG  |
|   |   | Hole Lo   |   |   |  |  |   |  |                  |         | 1  |  |   |
| UL or lot no.   |   |   |   |   | Lot Idn  |  |   |  | _                |         |  | West line  | County  |
| 12 Lse Code   | " Pro   | ducing Me<br>Code   | I   |   | nnection   | <sup>15</sup> C-129 Pe   | rmit Number   | <sup>16</sup> C  | C-129 Ef         | fective | Date   | 17 C-1   | 129 Expiration Date   |
| <u>s</u>  | ·   |   | F   | _7/30   | 0/05   | l  |   | L  |                  |         |  | <u> </u>   |   |
| III. Oil as   |   |   |   |   |  |  |   |  |                  |         |  |  |   |
| <sup>18</sup> Transport<br>OGRID  | er  |   |   | sporter N   |  | 10   | POD   | <sup>21</sup> O/   | G                |         |  |  | R Location  |
|   | -   | BP AM   |   | <u>d Addres</u><br>A PROI   |  | <u> </u>   |   |  |                  | TAN     | K BAT  | and Desc<br>TERY   |   |
| 209700  | 1   |   |   |   | STE 4.   | 550  | STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,   | 0  |                  | E-2     | 4-T18  | 518331   | \$1920  |
|   |   | HOUST   | ON, '   | TX 77   | 079  |  |   |  |                  |         | ^^*  | 19.  |   |
| 36785   |   |   |   |   | ELD SV   | cs   | Γ   | c  |                  | SAM     | ĘŃ   | 5  | H2  |
| 30703   | 12.111  | PO BO   |   |   |  |  |   | G  | 550.20           | ,       | 1  | 5  | 30 2  |
|   |   | MIDLA   | ND,   | TX 79   | 710-0  | 020  |   |  |                  | [       | 1011   | 4 🖾  | 538 A   |
|   |   |   |   |   |  |  |   |  |                  |         | 0  |  |   |
|   |   |   |   |   |  |  |   |  |                  |         | 150  |  | N   |
|   |   |   |   |   |  |  |   |  |                  |         | 105  | n  |   |
| 1   |   |   |   |   |  |  |   |  |                  |         |  | <u> 1</u>  | LEOE  |
|   |   |   |   |   |  |  |   |  |                  |         |  |  |   |
|   |   |   |   |   |  |  |   |  |                  |         |  |  |   |
|   |   |   |   |   |  |  |   |  | - 18 A B         |         |  |  |   |
| IV. Produ   | iced 1  |   | 1000  | -   |  |  |   |  |                  |         |  |  | ]   |
| IV. Produ<br><sup>13</sup> POD  | uced V  |   | <sup>4</sup> POD  |   |  | and Descripti  | on  |  |                  |         |  |  |   |
| <sup>23</sup> POD   |   | 2   |   | ULSTR<br>SAN  |  | and Description  | on  |  |                  |         |  |  |   |
| <sup>13</sup> POD<br>V. Well C  | Comp  | letion I  | Data  | SAN   |  |  |   |  | 29 p             | arfora  |  |  | <sup>39</sup> DUC MC  |
| <sup>23</sup> POD<br>V. Well C<br><sup>25</sup> Spud Dat  | <u>Comp</u>   | letion I  | Data<br>Ready I   | SAN<br>Date   |  | <sup>27</sup> TD   | 28 PBTI   |  |                  | erfora  |  |  | <sup>30</sup> DHC, MC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>25</sup> Spud Dat<br>4/25/05   | Compl<br>e<br>5   | letion I  | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.  |  | <sup>27</sup> тр<br>3710'  | <sup>28</sup> PBTI<br>13584   | <b>!</b> '   | 131              |         | tions<br>13308   | <sup>34</sup> Sac  | · · · · · · · · · · · · · · · · · · ·   |
| <sup>13</sup> POD<br><u>V. Well C</u><br><sup>25</sup> Spud Dat<br><u>4/25/05</u><br><u>31</u> Hol  | <u>Comp</u>   | 2<br>letion I<br><sup>36</sup> F<br>7   | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing  |  | <sup>27</sup> TD<br>3710 '<br>19 Stze  | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De   |  | 131              |         | 13308  | <sup>34</sup> Sac<br>SX, (   | ks Cement   |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br><u>4/25/05</u><br><u>31 Hol</u><br>17   | Compl<br>e<br>5   | 2<br>letion I<br>26 F<br>7  | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing<br>13  | 1E<br>1<br>& Tubir   | <sup>27</sup> TD<br>3710 <sup>1</sup><br>1g Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De   | pth Se   | 131              |         | <u>13308</u><br>475  | <sup>34</sup> Sac  | ks Cement   |
| <sup>13</sup> POD<br>V. Well C<br><sup>25</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12  | Comp<br>e<br>5<br>1/2<br>1/4  | 2<br> etion I<br>  <sup>26</sup> F<br>7   | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing<br>13<br>8   | 1E<br>1<br>4 Tubir<br>3 3/8"<br>3 5/8"   | <sup>27</sup> TD<br>3710 <sup>1</sup><br>1g Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De   | p <u>th Se</u><br>403 '<br>948 '   | 131              |         | <u>13308</u><br>475<br>700   | <sup>34</sup> Sac<br>SX, C<br>SX, C  | ka Cement<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>25</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12  | e<br>5<br>1/2   | 2<br> etion I<br>  <sup>26</sup> F<br>7   | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing<br>13<br>8   | 1E<br>1<br>& Tubir<br>3 3/8"   | <sup>27</sup> TD<br>3710 <sup>1</sup><br>1g Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De   | <u>pth Se</u><br>403 '   | 131              |         | <u>13308</u><br>475<br>700   | <sup>34</sup> Sac<br>SX, (   | ka Cement<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br><u>4/25/05</u><br><sup>31</sup> Hol<br>17<br>12<br>7  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7  | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing<br>13<br>8<br>7  | 1 <u>E</u><br>1<br>2 <b>&amp; Tubir</b><br>3 3/8"<br>3 5/8"<br>  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>19 Size   | <sup>28</sup> PBTI<br>1358/<br><sup>39</sup> De<br>49<br>49   | pth Se<br>403 '<br>948 '   | 131              |         | 13308<br>475<br>700<br>350   | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C   | ks Cement<br>DIRC<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br><u>4/25/05</u><br><sup>31</sup> Hol<br>17<br>12<br>7  | Comp<br>e<br>5<br>1/2<br>1/4  | 2<br>letion I<br><sup>26</sup> p<br>7<br>7  | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>32</sup> Casing<br>13<br>8<br>7  | 1E<br>1<br>4 Tubir<br>3 3/8"<br>3 5/8"   | <sup>27</sup> TD<br>3710 <sup>1</sup><br>19 Size   | <sup>28</sup> PBTI<br>1358/<br><sup>39</sup> De<br>49<br>49   | p <u>th Se</u><br>403 '<br>948 '   | 131              |         | 13308<br>475<br>700<br>350   | <sup>34</sup> Sac<br>SX, C<br>SX, C  | ks Cement<br>DIRC<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>15</sup> Spud Dat<br><u>4/25/05</u><br><sup>31</sup> Hol<br>17<br>12<br>7  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7  | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>31</sup> Casing<br>13<br>8<br>7<br>7   | 1 <u>E</u><br>1<br>2<br>2<br>3<br>3<br>5<br>7<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>1<br>1<br>2<br>1<br>1<br>2<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 <sup>4</sup><br>ug Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De<br>49<br>49<br>40<br>137  | pth Se<br>403 '<br>948 '<br>900 '<br>709 '   | 131              |         | 13308<br>475<br>700<br>350   | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C   | ks Cement<br>DIRC<br>DIRC<br>DIRC   |
| <sup>23</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8  | 2<br>letion I<br><sup>26</sup> F<br>7   | Data<br>leady I<br>/19/9  | SAM<br>Date<br>05.<br><sup>31</sup> Casing<br>13<br>8<br>7<br>7   | 1 <u>E</u><br>1<br>2 <b>&amp; Tubir</b><br>3 3/8"<br>3 5/8"<br>  | <sup>27</sup> TD<br>3710 <sup>4</sup><br>ug Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De<br>49<br>49<br>40<br>137  | pth Se<br>403 '<br>948 '   | 131              |         | 13308<br>475<br>700<br>350   | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C   | ks Cement<br>DIRC<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>15</sup> Spud Dat<br><u>4/25/05</u><br><sup>31</sup> Hol<br>17<br>12<br>7  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8  | 2<br>letion I<br><sup>26</sup> F<br>7<br>7  | Data<br>teady I<br>/ 19/0   | SAM<br>Date<br>05.<br><sup>31</sup> Casing<br>13<br>8<br>7<br>7   | 1E<br><b>&amp; Tubin</b><br>3 3/8"<br>3 5/8"<br>   | <sup>27</sup> TD<br>3710 <sup>4</sup><br>ug Size   | <sup>28</sup> PBTI<br>13584<br><sup>33</sup> De<br>49<br>49<br>40<br>137  | pth Se<br>403'<br>948'<br>000'<br>709'<br>100'                                     | <u>131</u><br>#  | 70'-    | 13308<br>475<br>700<br>350   | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C<br>SX, C  | ks Cement<br>DIRC<br>DIRC<br>DIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>13</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well <sup>4</sup><br><sup>35</sup> Date New C   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8  | 2<br>letion I<br>2 <sup>46</sup> P<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>Ready I<br>/ 19/4   | SAM<br>Date<br>05.<br>13<br>Casing<br>13<br>8<br>7<br>4<br>2<br>7<br>7<br>4<br>4<br>2<br>7<br>7<br>9<br>4   | 1E<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>1g Size   | <sup>28</sup> PBTI<br><u>1358/</u><br><sup>30</sup> De<br>45<br>45<br>45<br>45<br>45<br>45<br>45<br>45<br>137<br>137<br>137   | pth Se<br>403'<br>948'<br>000'<br>709'<br>LOO'<br>Lengt                            | <u>131</u><br>#  | 70'-    | 13308<br>475<br>700<br>350<br>1750                                 | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C<br>SX, C  | ks Cement<br>DIRC<br>DIRC<br>CIRC<br>CIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8  | 2<br>letion I<br>2 <sup>46</sup> P<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>teady I<br>/19/0<br>Deliver<br>/30/0  | SAM<br>Date<br>05.<br>13<br>Casing<br>13<br>8<br>7<br>4<br>2<br>7<br>7<br>4<br>4<br>2<br>7<br>7<br>9<br>4   | 1E<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 '<br>pg Size<br>Test Date<br>31/05  | <sup>28</sup> PBTI<br><u>13584</u><br><sup>33</sup> De<br>2<br>4<br>4<br>137<br>131<br><sup>38</sup> Test<br>24   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | <u>131</u><br>#  | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres                     | <sup>34</sup> Sac<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (  | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>CIRC   |
| <sup>13</sup> POD<br>V. Well C<br><sup>25</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well <sup>4</sup><br><sup>35</sup> Date New C   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8  | 2<br>letion I<br>2 <sup>46</sup> P<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>tendy I<br>/ 19/4<br>Deliver<br>/ 30/4<br>4 <sup>2</sup> Oil  | SAM<br>Date<br>05.<br>13<br>Casing<br>13<br>8<br>7<br>4<br>2<br>7<br>7<br>4<br>4<br>2<br>7<br>7<br>9<br>4   | 1E<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>1g Size   | <sup>28</sup> PBTI<br><u>1358</u> /<br><sup>33</sup> Dc<br>49<br>49<br>49<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137   | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | <u>131</u><br>#  | 70'-    | 13308<br>475<br>700<br>350<br>1750                                 | <sup>34</sup> Sac<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (  | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>** Csg. Pressure<br>** Test Method   |
| <sup>23</sup> POD<br>V. Well C<br><sup>23</sup> Spud Dat<br>4/25/03<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>Test I<br>Dil<br>5<br>ce   | 2<br>letion I<br><sup>26</sup> F<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>9<br>0<br>0<br>0<br>0<br>0<br>1<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7 | Data<br>teady I<br>/ 19/4<br>Deliver<br>/ 30/4<br>2 0il   | SAM<br>Date<br>05.<br>13<br>Casing<br>13<br>8<br>7<br>4<br>4<br>2<br>7<br>7<br>4<br>4<br>2<br>7<br>9<br>5   | 1E<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>19 Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3                  | <sup>28</sup> PBTI<br><u>1358</u> /<br><sup>33</sup> Dc<br>49<br>49<br>49<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres                     | <sup>34</sup> Sac<br>5X, (<br>5X, (   | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br><sup>49</sup> Csg. Pressure<br><sup>49</sup> Csg. Pressure<br><sup>47</sup> Test Method<br>F |
| <sup>13</sup> POD<br>V. Well C<br><sup>13</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> [ hereby centif   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>5<br>5<br>6<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>tendy I<br>/ 19//<br>/<br>Deliven<br>/ 30//<br>/<br>4 <sup>1</sup> Oil<br>59<br>of the  | SAN<br>Date<br>05.<br>32 Casing<br>13<br>13<br>13<br>24<br>77<br>4<br>2<br>77<br>4<br>2<br>77<br>77<br>4<br>2<br>77<br>9<br>5<br>9<br>6<br>12<br>05   | 1E<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br><u>1358</u> /<br><sup>33</sup> Dc<br>49<br>49<br>49<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137   | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres                     | <sup>34</sup> Sac<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (<br>SX, (  | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br><sup>49</sup> Csg. Pressure<br><sup>49</sup> Csg. Pressure<br><sup>47</sup> Test Method<br>F |
| <sup>13</sup> POD<br>V. Well C<br><sup>29</sup> Spud Dat<br>4/25/03<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz  | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>5<br>5<br>6<br>7<br>9<br>8<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>tendy I<br>/ 19//<br>/<br>Deliver<br>/ 30//<br><sup>42</sup> Oil<br>59<br>of the<br>e intern  | SAN<br>Date<br>05.<br>33 Casing<br>13<br>13<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>2<br>7<br>7<br>0<br>5<br>0<br>5  | 1           4           1           2           3           3           3           3           4           1           2           3           3           7           4           1           2           3  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br><u>1358</u> /<br><sup>33</sup> Dc<br>49<br>49<br>49<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137   | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres                     | <sup>34</sup> Sac<br>5X, (<br>5X, (   | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br><sup>49</sup> Csg. Pressure<br><sup>49</sup> Csg. Pressure<br><sup>47</sup> Test Method<br>F |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> I hereby certifibeen complied v   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>5<br>5<br>6<br>7<br>9<br>8<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>tendy I<br>/ 19//<br>/<br>Deliver<br>/ 30//<br><sup>42</sup> Oil<br>59<br>of the<br>e intern  | SAN<br>Date<br>05.<br>33 Casing<br>13<br>13<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>2<br>7<br>7<br>0<br>5<br>0<br>5  | 1           4           1           2           3           3           3           3           4           1           2           3           3           7           4           1           2           3  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br><u>1358</u> /<br><sup>33</sup> Dc<br>49<br>49<br>49<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137   | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres                     | <sup>34</sup> Sac<br>5X, (<br>5X, (   | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br><sup>49</sup> Csg. Pressure<br><sup>49</sup> Csg. Pressure<br><sup>47</sup> Test Method<br>F |
| <sup>13</sup> POD<br>V. Well C<br><sup>235</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI, Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>47</sup> I hereby certifi<br>been complied whe<br>Signature:   | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>1/8<br>5<br>5<br>6<br>7<br>9<br>8<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 2<br>letion I<br><sup>26</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | Data<br>tendy I<br>/ 19//<br>/<br>Deliver<br>/ 30//<br><sup>42</sup> Oil<br>59<br>of the<br>e intern  | SAN<br>Date<br>05.<br>33 Casing<br>13<br>13<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>2<br>7<br>7<br>0<br>5<br>0<br>5  | 1           4           1           2           3           3           3           3           4           1           2           3           3           7           4           1           2           3  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br><u>1358/</u><br><sup>33</sup> De<br>49<br>49<br>49<br>40<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137  | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>* AOP            | <sup>34</sup> Sac<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C   | ks Cement<br>CIRC<br>CIRC<br>CIRC<br>CIRC<br>** Csg. Pressure<br>** Test Method<br>F<br>DN  |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> I hereby certified<br>been complete to the  | Comple<br>e<br>5<br>1/2<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>Test I<br>Dil<br>5<br>5<br>te<br>fy that<br>with an<br>best of<br>LA   | letion I<br><sup>26</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | Data<br>teady I<br>/19/1<br>/19/1<br>Deliver<br>/30/0<br>4 <sup>12</sup> Oil<br>59<br>of the<br>e intern  | SAN<br>Date<br>05<br>3 <sup>37</sup> Casing<br>13<br>13<br>13<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9  | 1           4           1           2           3           3           3           3           4           1           2           3           3           7           4           1           2           3  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br>1358/<br><sup>33</sup> De<br>4<br>4<br>4<br>13<br>13<br>13<br><sup>33</sup> Test<br>24<br>4<br>4<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13  | pth Se<br>403'<br>448'<br>200'<br>709'<br>100'<br>Lengt<br>HRS<br>Gas              | h                | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>* AOP            | Ja Sac<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C<br>SX, C   | ks Cement<br>DIRC<br>DIRC<br>DIRC<br>CIRC<br>CIRC<br>** Csg. Pressure<br>** Test Method<br>F<br>N<br>VAL SIGNED RY                        |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI, Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>47</sup> I hereby certifi<br>been complied whe<br>Signature:  | Comp<br>e<br>5<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>Test I<br>Dil<br>5<br>5<br>fy that<br>fy that<br>fy that<br>fy that<br>fy that<br>fy that  | LANA  | Data<br>tendy I<br>/ 19/1<br>/ 19/1<br>Deliver<br>Deliver<br>* 011<br>* | SAN<br>Date<br>05<br>3 <sup>37</sup> Casing<br>13<br>8<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>2<br>7<br>7<br>4<br>7<br>7<br>4<br>7<br>7<br>4<br>7<br>7<br>4<br>7<br>7<br>8<br>7<br>7<br>8<br>7<br>7<br>7<br>8<br>7<br>7<br>8<br>7<br>8   | 1         & Tubin         3 /8"         3 /8"         3 /8"         3 /8"         3 /8"         3 /8"         7 /         7 /         7 /         6         1 / 2"         37         7 /         4         1 / 2"         37         7 /         4         1 / 2"         4         1 / 2"         4  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br><u>1358/</u><br><sup>33</sup> De<br>49<br>49<br>49<br>40<br>137<br>137<br>137<br>137<br>137<br>137<br>137<br>137  | pth Sc<br>403 '<br>948 '<br>900 '<br>709 '<br>100 '<br>Lengt'<br>HRS<br>5as<br>399 | 131<br>et        | 70'-    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>*5 AOF<br>VATION | Ja Sac<br>SX, C<br>SX, C | ka Cement<br>CIRC<br>DIRC<br>CIRC<br>CIRC<br>*** Csg. Pressure<br>*** Test Method<br>F<br>NN<br>VAL SIGNED BY<br>JUE F KAUTZ              |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> I hereby certifi<br>been couplied to the<br>Signature:<br>Printed name:<br>Title: | Comp<br>e<br>5<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>Test I<br>Dil<br>5<br>fy that<br>fy fy that<br>fy that<br>fy that<br>fy that<br>fy fy that<br>fy that<br>fy fy that          | LANA  | Data<br>tendy I<br>/ 19/1<br>/ 19/1<br>Deliver<br>Deliver<br>* 011<br>* | SAN<br>Date<br>05<br>3 <sup>37</sup> Casing<br>13<br>13<br>13<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9  | 1         & Tubin         3 /8"         3 /8"         3 /8"         3 /8"         3 /8"         3 /8"         7 /         7 /         7 /         6         1 / 2"         37         7 /         4         1 / 2"         37         7 /         4         1 / 2"         4         1 / 2"         4  | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br>1358/<br><sup>33</sup> De<br>49<br>49<br>49<br>40<br>13<br>131<br>33 Test<br>24<br>44<br>44<br>13<br>131<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14 | pth Sc<br>403 '<br>948 '<br>900 '<br>709 '<br>100 '<br>Lengt'<br>HRS<br>5as<br>399 | 131<br>et        | 3" T    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>*5 AOF<br>VATION | Ja Sac<br>SX, C<br>SX, C | ks Cement<br>DIRC<br>DIRC<br>DIRC<br>CIRC<br>CIRC<br>** Csg. Pressure<br>** Test Method<br>F<br>N<br>VAL SIGNED RY                        |
| <sup>13</sup> POD<br>V. Well C<br><sup>35</sup> Spud Dat<br>4/25/05<br><sup>31</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> I hereby certifibeen complete to the<br>Signature:<br>Printed name:               | Comp<br>e<br>5<br>5<br>1/2<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>Test I<br>D<br>D<br>fy that<br>fy t | letion I<br><sup>24</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | Data<br>teady I<br>/19/1<br>/19/1<br>Deliver<br>/30/1<br><sup>42</sup> Oil<br>59<br>of the<br>e inform<br>Vietge<br>S<br>J. (3)<br>TION   | SAN<br>Date<br>05<br>32 Casing<br>13<br>13<br>8<br>7<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>7<br>9<br>4<br>2<br>7<br>7<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 1           * Tubir           3 3/8"           5/8"           * 1/2"           * 3/8"           * 1/2" </td <td><sup>27</sup> TD<br/>3710 <sup>1</sup><br/>pg Size<br/>Test Date<br/>31/05<br/><sup>3</sup> Water<br/>3<br/>Division have</td> <td><sup>28</sup> PBTI<br/>1358/<br/><sup>33</sup> De<br/>49<br/>49<br/>49<br/>40<br/>13<br/>131<br/>33 Test<br/>24<br/>44<br/>44<br/>13<br/>131<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14</td> <td>pth Sc<br/>403 '<br/>948 '<br/>900 '<br/>709 '<br/>100 '<br/>Lengt'<br/>HRS<br/>5as<br/>399</td> <td>131<br/>et</td> <td>3" T</td> <td>13308<br/>475<br/>700<br/>350<br/>1750<br/>bg. Pres<br/>*5 AOF<br/>VATION</td> <td>Ja Sac<br/>SX, C<br/>SX, C</td> <td>ka Cement<br/>CIRC<br/>DIRC<br/>CIRC<br/>CIRC<br/>*** Csg. Pressure<br/>*** Test Method<br/>F<br/>NN<br/>VAL SIGNED BY<br/>JUE F KAUTZ</td> | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br>1358/<br><sup>33</sup> De<br>49<br>49<br>49<br>40<br>13<br>131<br>33 Test<br>24<br>44<br>44<br>13<br>131<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14 | pth Sc<br>403 '<br>948 '<br>900 '<br>709 '<br>100 '<br>Lengt'<br>HRS<br>5as<br>399 | 131<br>et        | 3" T    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>*5 AOF<br>VATION | Ja Sac<br>SX, C<br>SX, C | ka Cement<br>CIRC<br>DIRC<br>CIRC<br>CIRC<br>*** Csg. Pressure<br>*** Test Method<br>F<br>NN<br>VAL SIGNED BY<br>JUE F KAUTZ              |
| <sup>13</sup> POD<br>V. Well C<br><sup>13</sup> Spud Dat<br>4/25/05<br><sup>14</sup> Hol<br>17<br>12<br>7<br>6<br>VI. Well<br><sup>35</sup> Date New C<br>7/30/05<br><sup>41</sup> Choke Siz<br><sup>47</sup> I hereby certifi<br>been couplied to the<br>Signature:<br>Printed name:<br>Title: | Comp<br>e<br>5<br>5<br>1/2<br>1/2<br>1/4<br>7/8<br>1/8<br>1/8<br>1/8<br>Test I<br>D<br>D<br>fy that<br>fy t | letion I<br><sup>24</sup> p<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | Data<br>teady I<br>/19/1<br>/19/1<br>Deliver<br>/30/1<br><sup>42</sup> Oil<br>59<br>of the<br>e inform<br>Vietge<br>S<br>J. (3)<br>TION   | SAN<br>Date<br>05<br>32 Casing<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>14<br>2<br>7<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>7<br>4<br>2<br>7<br>7<br>9<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13 | 1           * Tubir           3 3/8"           5/8"           * 1/2"           * 3/8"           * 1/2" </td <td><sup>27</sup> TD<br/>3710 <sup>1</sup><br/>pg Size<br/>Test Date<br/>31/05<br/><sup>3</sup> Water<br/>3<br/>Division have</td> <td><sup>28</sup> PBTI<br/>1358/<br/><sup>33</sup> De<br/>49<br/>49<br/>49<br/>40<br/>13<br/>131<br/>33 Test<br/>24<br/>44<br/>44<br/>13<br/>131<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>131<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14<br/>14</td> <td>pth Sc<br/>403 '<br/>948 '<br/>900 '<br/>709 '<br/>100 '<br/>Lengt'<br/>HRS<br/>5as<br/>399</td> <td>131<br/>et</td> <td>3" T</td> <td>13308<br/>475<br/>700<br/>350<br/>1750<br/>bg. Pres<br/>*5 AOF<br/>VATION</td> <td>Ja Sac<br/>SX, C<br/>SX, C</td> <td>ka Cement<br/>CIRC<br/>DIRC<br/>CIRC<br/>CIRC<br/>*** Csg. Pressure<br/>*** Test Method<br/>F<br/>NN<br/>VAL SIGNED BY<br/>JUE F KAUTZ</td> | <sup>27</sup> TD<br>3710 <sup>1</sup><br>pg Size<br>Test Date<br>31/05<br><sup>3</sup> Water<br>3<br>Division have | <sup>28</sup> PBTI<br>1358/<br><sup>33</sup> De<br>49<br>49<br>49<br>40<br>13<br>131<br>33 Test<br>24<br>44<br>44<br>13<br>131<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>131<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14 | pth Sc<br>403 '<br>948 '<br>900 '<br>709 '<br>100 '<br>Lengt'<br>HRS<br>5as<br>399 | 131<br>et        | 3" T    | 13308<br>475<br>700<br>350<br>1750<br>bg. Pres<br>*5 AOF<br>VATION | Ja Sac<br>SX, C<br>SX, C | ka Cement<br>CIRC<br>DIRC<br>CIRC<br>CIRC<br>*** Csg. Pressure<br>*** Test Method<br>F<br>NN<br>VAL SIGNED BY<br>JUE F KAUTZ              |

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RECEIVEL JUL 1 4 2005 oou-anteom

30-075 3,6996

#### \*\*\*\*\* CHART SCANNER WELL TEST DATA \*\*\*\*\*

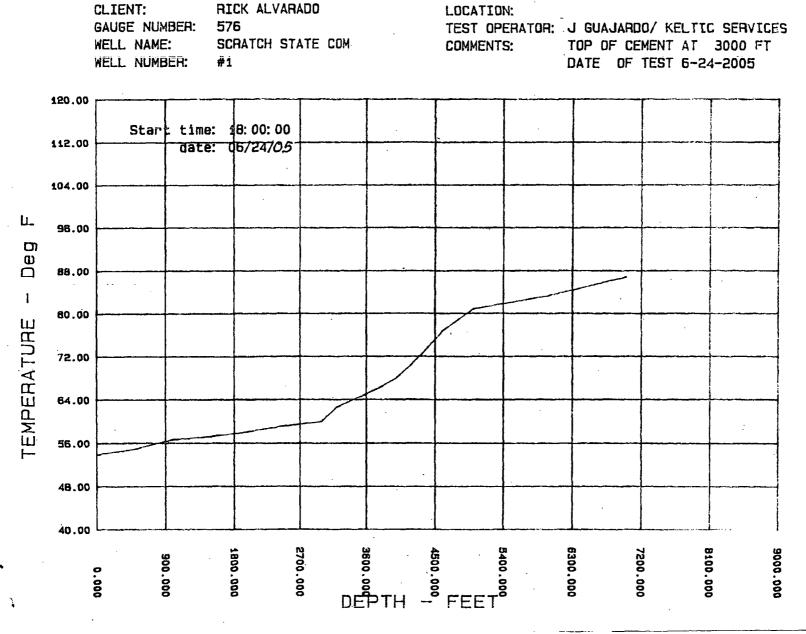
COMPANY: CLIENT: GAUGE NUMBER: WELL NAME: WELL NUMBER: TEST NUMBER: LOCATION: TEST OPERATOR: COMMENTS: MARBOB ENERGY RICK ALVARADO 576 SCRATCH STATE COM #1 1 J GUAJARDO/ KELTIC SERVICES TOP OF CEMENT AT 3000 FT

DATE OF TEST 6-24-2005

#### DATE: 06/24/05

GAUGE S/N: 576

| REAL TIME | DELTA TIME<br>HRS | TEMPERATURE<br>Deg F | DEPTH<br>FEET | FLOW RATE<br>BBLS/DAY | COMMENTS      |
|-----------|-------------------|----------------------|---------------|-----------------------|---------------|
| 18:08:24  | 0.140             | 53.92                | 0.00          |                       |               |
| 18:13:59  | 0.233             | 54.89                | 500.00        |                       |               |
| 18:19:29  | 0.325             | 56,71                | 1000.00       |                       |               |
| 18:22:54  | 0.382             | 57.26                | 1500.00       |                       |               |
| 18:25:04  | 0.418             | 58.15                | 2000.00       |                       |               |
| 18:28:28  | 0.475             | 59.23                | 2500,00       |                       |               |
| 18:32:10  | 0.536             | 57.78                | 3000.00       |                       | TOP OF CEMENT |
| 18:36:42  | 0.612             | 62.62                | 3200.00       |                       |               |
| 18:39:41  | 0.662             | 63.78                | 3400.00       |                       |               |
| 18:42:48  | 0.714             | 64.97                | 3600.00       |                       |               |
| 18:45:26  | 0.757             | 66.36                | 3800.00       |                       |               |
| 18:48:25  | 0.807             | 68.01                | 4000.00       |                       |               |
| 18:51:33  | 0.859             | 70.58                | 4200.00       |                       |               |
| 18:54:27  | 0.908             | 73.52                | 4400.00       |                       |               |
| 18:57:38  | <b>Ò.9</b> 61     | 76.77                | 4600.00       |                       |               |
| 19:00:39  | 1.011             | 78.79                | 4800.00       |                       |               |
| 19:03:10  | 1.053             | 80.84                | 5000.00       |                       |               |
| 19:05:49  | 1.097             | 83.34                | 6000.00       |                       |               |
| 19:13:10  | 1,220             | 86.83                | 7000.00       |                       |               |



TEST NUMBER:

1

COMPANY:

MARBOB ENERGY

| District I   |   |  |  |  |
|--|---|--|--|--|
| 1625 N French Dr , Hobbs, NM 88240   |   | tate of New Mexico   |  | Form C-14  |
| District 11<br>1301 W. Grand Avenue, Artesia, NM 88210   | Energy M  | inerals and Natural Resources  |  | June 1, 20   |
| District III   | Oil   | Conservation Division  | For drilling and pr<br>appropriate NMOCI   | oduction facilities, submit  |
| 1000 Rio Brazos Road, Aztec, NM 87410<br><u>District IV</u>  | 1220  | 0 South St. Francis Dr.  | For downstream fa  | cilities, submit to Santa Fe   |
| 1220 S St Francis Dr., Santa Fe, NM 87505  | S   | anta Fe, NM 87505  | office   |  |
| Pit or   | Below-Gra   | ade Tank Registration or   | Closure  |  |
| ls pit or l  | below-grade tan   | nk covered by a "general plan"? Ye   | es 🗌 No 🗍  |  |
| Type of action R   | egistration of a pit of   | or below-grade tank 🗍 Closure of a pit of  | r below-grade tank   |  |
| Operator MARDOD Energy Corp  | Telephon  | ne 505-748-3303e-mail add  | iress with C   | ny chop, com   |
| Address P.C. Box 227 Artes   | SLa AM  | 88211-0227   |  | · · · · · · · · · · · · · · · · · · ·  |
| Facility or well name ScRAtch State C  | cm #1_API#  | <u> 30-025 - 36996</u> U/LorQu   | Qir StuNW Sec 24   | /T <u>`/85</u> _R_ <u>_</u> 33 <i>E</i>  |
| County Lea   |   | Longitud   | le   | NAD 1927 🗍 1983 🗖  |
| Surface Owner Federal 🔲 State 🔀 Private 🗔 Indian   |   |  |  | · ·  |
| Pit  |   | Below-grade tank   |  |  |
| Type_ Drilling 🔀 Production 🛄 Disposal 🗔   |   | Volumebbl Type of fluid  |  |  |
| Workover 🔲 Emergency 🗍   |   | Construction material  |  |  |
|  | _   | Double-walled, with leak detection? Ye   | es 🔲 If not, explain why i   | not .  |
| Liner type Synthetic Thickness 12 mil Clay [   | `   | · · · · · · · · · · · · · · · · · · ·  |  |  |
| Pit Volumebbl  | <u> </u>  |  | [ (20  |  |
| Depth to ground water (vertical distance from bottom o   | f pit to seasonal   | Less than 50 lect  | (20 points)  |  |
| nigh water elevation of ground water )   |   | 50 feet or more, but less than 100 feet  | (10 points)  | 20   |
| ·  | `` <u> </u>   | 100 fect or more   | ( 0 points)  |  |
| Wellhead protection area (Less than 200 feet from a p  | rivate domestic   | Yes  | (20 points)  |  |
| vater source, or less than 1000 feet from all other water  | r sources )   | (B)  | ( 0 points)  |  |
|  |   | Less than 200 feet   | (20 points)  |  |
| Distance to surface water (horizontal distance to all we   | etlands, playas,  | 200 feet or more, but less than 1000 feet  | ··· ·  |  |
| rrigation canals, ditches, and perennial and ephemeral   | watercourses)   | 1000 feet or more  | ( 0 points)  |  |
|  |   |  |  |  |
| · · · · · · · · · · · · · · · · · · ·  |   | Ranking Score (Total Points)   |  | 20   |
| This is a pit closure; (1) Attach a diagram of the facili  | ty showing the pit's  | s relationship to other equipment and tanks  | (2) Indicate disposal loc.   | ation (check the onsite box if)  |
| ar are burying in place) onsite 🔀 offsite 🗋 if offsite<br>nediation start date and end date (4) Groundwater end<br>Attach soil sample results and a diagram of sample log  | , name of facility<br>countered No 🗍 א  | (3) Attach<br>Yes I If yes, show depth below ground su   | a general description of re<br>arfaceft_ar   | emedial action taken including   |
| ur are burying in place) onsite 🛛 offsite 🗋 If offsite,<br>nediation start date and end date (4) Groundwater enc<br>Attach soil sample results and a diagram of sample lo<br>Additional Comments As per Chris  | , name of facility<br>countered No Y  | (3) Attach<br>Yes I If yes, show depth below ground su<br>tuons<br>rs. P.F. SAmplang   | a general description of re<br>arfaceft_ar   | emedial action taken including<br>nd attach sample results<br>comp<br>f Chlaudes and   |
| ur are burying in place) onsite 🛛 offsite 🗋 If offsite,<br>nediation start date and end date (4) Groundwater enc<br>Attach soil sample results and a diagram of sample lo<br>Additional Comments As per Chris  | , name of facility<br>countered No Y  | (3) Attach<br>Yes I If yes, show depth below ground su<br>tuons<br>rs. P.F. SAmplang   | a general description of re<br>arfaceft_ar   | emedial action taken including<br>nd attach sample results<br>comp<br>f Chlaudes and   |
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| ur are burying in place) onsite  offsite  if offsite,<br>incluation start date and end date (4) Groundwater end<br>Attach soil sample results and a diagram of sample low<br>Additional Comments As per Chris<br>removed Pit material<br>for backfilling.  | , name of facility<br>countered No $\Box$ N<br>cations and excavate<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_{L}$ $\Box_{L}$<br>$\Box_{L}$ $\Box_{L}$ $\Box_$ | (3) Attach<br>Yes I If yes, show depth below ground su<br>tions<br>MS. P.F. SAmplang,<br>has been placed<br>of my knowledge and belief I further cer<br>s I, a general permit I, or an (attache<br>    | a general description of re<br>arfaceft and<br>delineationft<br>inbettern<br>tify that the above-descr<br>d) alternative OCD-appr<br>new<br>the contents of the pit or tan<br>nce with any other federal | emedial action taken including<br>nd attach sample results<br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>comp</u><br><u>com</u> |
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|   | District II Energy Minera  | of New Mexico Form C-14<br>Is and Natural Resources Revised October 10, 20   |
|---|--|--|
|   | 1301 W. Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Road, Aztec, NM 87410   | ervation Division Submit 2 Copies to appropria<br>District Office in accordan<br>with Rule 116 on ba   |
|   | 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa  | Fe, NM 87505   |
|   | Uttelease Holdicat   | and Corrective Action  |
|   | Name of Company MARLob ENERGY COLP<br>Address Ro Box 229 Artesia nm 88211  | OPERATOR     Initial Report     Final Rep       Contact     /////     Bunsun - BBC     Enternational       Telephone No.     505 - 397 - 6388  |
|   | Facility Name Schotch State  | Facility Type Oil Well / Drilling Pit  |
|   | Surface Owner State OF A.M Mineral Owner   |  |
|   | Unit Letter Section Township Range Feet from the No  | ON OF RELEASE<br>rth/South Line Feet from the East/West Line County<br>North 660 WEST LEA.   |
|   | 24 185 33E 1980<br>Latitude  | North 660 WEST LEA.  |
|   |  | E OF RELEASE   |
|   | Type of Release Pit Liner  | Volume of Release Un Know Volume Recovered None,   |
|   | Source of Release P: +<br>Was Immediate Notice Given?  | Date and Hour of Occurrence 7 Date and Hour of Discovery 8/20/07<br>If YES, To Whom?   |
|   | By Whom? Rand French & Cliff Burnson   | Date and Hour 8/20/01 - 2:07 pm  |
| • | Was a Watercourse Reached?   | If YES, Volume Impacting the Watercourse.  |
|   | If a Watercourse was Impacted, Describe Fully.*  |  |
|   | Describe Cause of Problem and Remedial Action Taken.*  | placts At this time  |
|   | As annance I Pit in an the antices   | of a dig m have, along with delineating  |
| , | Compromised Pit - was IN the process<br>Chorides, Forly feet Below grand surface   | of a dig-n-haut, along with delineating<br>e wet soils and water uns encountered.<br>P.t material has been removed. The lare,  |
| , | Compromised Pit - WAS IN the process<br>Chorides, Forty feet Below grand Surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknow At thus time Most of the   | Pit material has been removed. The bree  |
|   | Compromised Pit - was IN the process<br>Chordes, Forty feet Below grand surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew At this time Most of the<br>Side of Pit was fee of chlodele<br>I hereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report by<br>should their operations have failed to adequately investigate and remoc<br>or the environment. In addition, NMOCD acceptance of a C-141 report  | Pit material has been removed. The bree  |
|   | Compromised Pit - WAS IN the process<br>Chordes, Forty feet Below grand surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew At this time Most of the<br>Side of Pit Leas fee of chloided<br>Thereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report by<br>should their operations have failed to adequately investigate and remoc   | e wet Soits and water was concentered.<br>P.f. material has been temped. The bree<br>of the best of my knowledge and understand that pursuant to NMOCD rules and<br>e notifications and perform corrective actions for releases which may endanger<br>the NMOCD marked as "Final Report" does not relieve the operator of liability<br>liate contamination that pose a threat to ground water, surface water, human health   |
|   | Campromised Pit - WAS IN the Protess<br>Chordes, Forty feet Below grand surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Waknew At this time Most of the<br>Side of Pit Leas free of Chlodele<br>Thereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report by<br>should their operations have failed to adequately investigate and remect<br>or the environment. In addition, NMOCD acceptance of a C-141 report<br>federal, state, or local Taws and/or regulations.   | e wet soils and water was concentered.<br>$P_i f$ material has been tempered. The bree,<br>$r_s \in 12^{i}$ feet.<br>o the best of my knowledge and understand that pursuant to NMOCD rules and<br>e notifications and perform corrective actions for releases which may endanger<br>the NMOCD marked as "Final Report" does not relieve the operator of liability<br>liate contamination that pose a threat to ground water, surface water, human health<br>it does not relieve the operator of responsibility for compliance with any other  |
|   | Campromised Pit - WAS IN the Protess<br>Chorides, Forty feet Below grand Surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew M At this time Most of the<br>Sicle of Pit WAS free of Chloride<br>Thereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report<br>by should their operations have failed to adequately investigate and remed<br>or the environment. In: addition, NMOCD acceptance of a C-141 report<br>federal, state, or local Taws and/or regulations.<br>Signature: March FRENCH   | Pit material has been reinviced. The breen<br>pit material has been reinviced. The breen<br>s & 12' feet.<br>o the best of my knowledge and understand that pursuant to NMOCD rules and<br>e notifications and perform corrective actions for releases which may endanger<br>the NMOCD marked as "Final Report" does not relieve the operator of liability<br>liate contamination that pose a threat to ground water, surface water, human health<br>it does not relieve the operator of responsibility for compliance with any other<br><u>OIL CONSERVATION DIVISION</u><br>Approved by District Supervisor:  |
|   | Campromised Pit - WAS IN the Protess<br>Churches, Forty feet Below grannel surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew M At this time Must of the<br>Sicle of Pit WAS free of Chludde<br>Thereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report<br>by should their operations have failed to adequately investigate and remed<br>or the environment. In: addition, NMOCD acceptance of a C-141 report<br>federal, state, or local Taxes and/or regulations.<br>Signature: March FRENCH<br>Title: Wildlike Biologist  | e       weet Soils and Learner works concenter and         Pit material has been removed: The back         as C 12' feet.         o the best of my knowledge and understand that pursuant to NMOCD rules and         e notifications and perform corrective actions for releases which may endanger         the NMOCD marked as "Final Report" does not relieve the operator of liability         liate contamination that pose a threat to ground water, surface water, human health         nt does not relieve the operator of responsibility for compliance with any other         OIL CONSERVATION DIVISION         Approved by District Supervisor:         Approval Date:         Expiration Date:  |
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|   | Campromised Pit - WAS IN the Protess<br>Churches, Forty feet Below grannel surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew At this time Most of the<br>Sicle of Pit WAS free of chlored<br>Thereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report<br>by should their operations have failed to adequately investigate and remed<br>or the environment. In: addition, NMOCD acceptance of a C-141 report<br>federal, state, or local This and/or regulations.<br>Signature: Acception Provent<br>Title: Wildlike Biologist<br>E-mail Address: Wildlike & Mithewhy Cam   | e       weet Soils and Leather dors concentered.         Pit material has been removed: The break         es       e refered.         o the best of my knowledge and understand that pursuant to NMOCD rules and e notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability liate contamination that pose a threat to ground water, surface water, human health at does not relieve the operator of responsibility for compliance with any other         OIL CONSERVATION DIVISION         Approved by District Supervisor:         Approval Date:         Expiration Date:  |
|   | Campromised Pit - WAS IN the Process<br>Chorides, Forly feet Below grand Surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew At this time Most of the<br>Side of Pit Leas free of Chloride<br>I hereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report<br>should their operations have failed to adequately investigate and remed<br>or the environment. In addition, NMOCD acceptance of a C-141 report<br>federal, state, or local Thirds and/or regulations.<br>Signature: March Much<br>Printed Name: Para FRENCH<br>Title: Wildlife Biologist<br>E-mail Address: Wildlife C. MARDAR Cam<br>Date: 8/24/07 Phone: 748-3303 | e       weet Soils and Leather dors concentered.         Pit material has been icmound. The break         es & 12' feet.         o the best of my knowledge and understand that pursuant to NMOCD rules and e notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability liate contamination that pose a threat to ground water, surface water, human health at does not relieve the operator of responsibility for compliance with any other         OIL CONSERVATION DIVISION         Approved by District Supervisor:         Approval Date:         Expiration Date:   |
|   | Campromised Pit - WAS IN the Process<br>Chorides, Forly feet Below grand Surface<br>Describe Area Affected and Cleanup Action Taken.*<br>Unknew At this time Most of the<br>Side of Pit Leas free of Chloride<br>I hereby certify that the information given above is true and complete to<br>regulations all operators are required to report and/or file certain releas<br>public health or the environment. The acceptance of a C-141 report<br>should their operations have failed to adequately investigate and remed<br>or the environment. In addition, NMOCD acceptance of a C-141 report<br>federal, state, or local Thirds and/or regulations.<br>Signature: March Much<br>Printed Name: Para FRENCH<br>Title: Wildlife Biologist<br>E-mail Address: Wildlife C. MARDAR Cam<br>Date: 8/24/07 Phone: 748-3303 | e       weth Soils' and wether down concentence.         Pit maleneel       has been icmound. The break         s       e iz' feet.         o the best of my knowledge and understand that pursuant to NMOCD rules and e notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability liate contamination that pose a threat to ground water, surface water, human health it does not relieve the operator of responsibility for compliance with any other         OIL CONSERVATION DIVISION         Approved by District Supervisor:         Approval Date:         Expiration Date:  |

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New Mexico Office of the State Engineer Page 1 of 1 New Mexico Office of the State Engineer POD Reports and Downloads Township: 185 Range: 34E Sections: Search Radius: N. NAD27 X: Y: Zone: Number: Suffix: County: Basin: Y © Non-Domestic © Domestic Owner Name: (First) (Last) All POD / Surface Data Report Avg Depth to Water Report Water Column Report 2.58 Clear Form WATERS Menu Help

AVERAGE DEPTH OF WATER REPORT 10/17/2007

|              |       |        |          |   |   |       | (Depth | Water in | Feet) |
|--------------|-------|--------|----------|---|---|-------|--------|----------|-------|
| Bs           | n Tws | Rng Se | ec Zone  | x | Y | Wells | Min    | Max      | Avg   |
| L            | 18S   | 34E 01 |          |   |   | 5     | 100    | 115      | 107   |
| L            | 18S   | 34E 02 | 2        |   |   | 2     | 102    | 102      | 102   |
| $\mathbf{L}$ | 18S   | 34E 03 | 3        |   |   | 3     | 60     | 100      | 87    |
| L            | 18S   | 34E 05 | 5        |   |   | • 1   | 105    | 105      | 105   |
| L            | 18S   | 34E 06 | 5        |   |   | 2     | 110    | 150      | 130   |
| L            | ·185  | 34E 07 | 7        |   |   | 2     | 15     | 150      | 83    |
| L            | 18S   | 34E 08 | 3        |   |   | · 2   | 145    | 150      | 148   |
| L            | 18S   | 34E 10 | )        |   |   | 3     | 110    | 110      | 110   |
| L            | 18S ' | 34E 11 | -        |   |   | 1     | 110    | 110      | 110   |
| L            | 185   | 34E 12 | 2        |   |   | . 4   | 76     | 100      | 92    |
| L            | 18S   | 34E 13 | 3        |   |   | 1     | 96     | . 96     | 96    |
| L            | 18S   | 34E 14 | ł        |   |   | 3     | 100    | 110      | 103   |
| L            | 18S   | 34E 15 | 5        |   |   | 1     | 110    | 110      | 110   |
| $\mathbf{L}$ | 18S   | 34E 16 | 5        |   |   | 2     | 105    | 110      | 108   |
| L.           | 18S   | 34E 18 | }        |   |   | 2     | . 125  | 125      | 125   |
| Ļ            | 18S   | 34E 19 | )        |   | ` | 1     | 105    | 105      | 105   |
| L            | 18S   | 34E 20 | )        |   |   | 2     | 120    | 130      | 125   |
| L            | 18S   | 34E 25 | <u>,</u> |   |   | 1     | 117    | 117      | 117   |
| L            | 18S   | 34E 27 | 1        |   |   | . 1   | 112 ·  | 112      | 112   |
| 'L           | 18S   | 34E 35 | 5        |   |   | 2     | 105    | 130      | 118   |
| •            |       |        |          |   |   | •     | •      |          |       |
| D -          |       |        | 1        |   |   |       |        |          |       |

Record Count: 41

http://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher

10/17/2007

| New Mexico Office of the State Engineer                              |                                       |  |  |  |  |  |  |  |  |  |
|--|---------------------------------------|--|--|--|--|--|--|--|--|--|
| New Mexico Office of the State Engineer<br>POD Reports and Downloads |                                       |  |  |  |  |  |  |  |  |  |
| Township: 18:5 Range: 34E Sections:                                  |                                       |  |  |  |  |  |  |  |  |  |
| NAD27 X: Y: Zone: Search Radius:                                     | · · · · · · · · · · · · · · · · · · · |  |  |  |  |  |  |  |  |  |
| County: Basin: Number: Number:                                       | Suffix:                               |  |  |  |  |  |  |  |  |  |
| Owner Name: (First) (Last) C Non-Domestic                            | O Domestic                            |  |  |  |  |  |  |  |  |  |
| Avg Depth to Water Report Avg Depth to Water Report                  |                                       |  |  |  |  |  |  |  |  |  |
| Clear Form   |                                       |  |  |  |  |  |  |  |  |  |

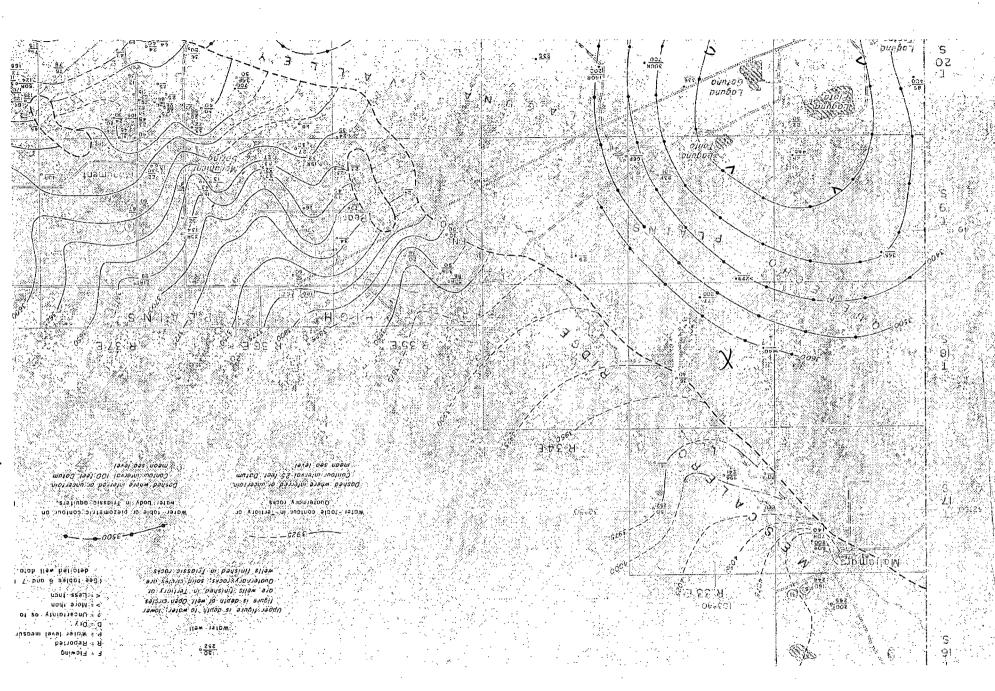
AVERAGE DEPTH OF WATER REPORT 10/17/2007

|              |            |                            |      |   |   |                  | (Depth    | Water in  | Feet)     |
|--------------|------------|----------------------------|------|---|---|------------------|-----------|-----------|-----------|
| Bsn          | Tws        | Rng Sec                    | Zone | x | Y | Wells            | Min       | Max       | Avg       |
| CP           | 18S        | 33E 13                     |      |   |   | 1                | 60        | 60        | 60        |
| СР           | 18S        | 33E 24                     |      |   |   | 1                | 195       | 195       | 195       |
| $\mathbf{L}$ | 18S        | 33E 08                     |      |   |   | 1                | 100       | 100       | 100       |
| L            | 18S        | 33E 12                     |      |   |   | 2                | 130       | 150       | 140       |
| L            | 18S        | 33E 17                     |      | • |   | 1                | 85        | 85        | 85        |
| L            | 18S        | 33E 30                     |      |   |   | 2                | 35        | 35        | 35        |
| L<br>L       | 18S<br>18S | 33E 12<br>33E 17<br>33E 30 |      |   |   | 1<br>2<br>1<br>2 | 130<br>85 | 150<br>85 | 140<br>85 |

Record Count: 8

http://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher

10/17/2007



# **AP - 094**

### GENERAL CORRESPONDENCE

# 2008 - 2007