

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

AMENDED REPORT

SEP 20 2005

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

MARBOB ENERGY CORPORATION PO BOX 227 ARTESIA, NM 88211-0227		OGRID Number 14049	
Property Code 33875		Property Name RUTHIE FEE	
Proposed Pool 1 ATOKA, (GAS)		Proposed Pool 2 CARLSBAD; STRAWN, (GAS)	

Unders. Tansill Dam

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	22S	27E		1026	SOUTH	660	WEST	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

Work Type Code P	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3080' GL
Multiple N	Proposed Depth 11970'	Formation MORROW	Contractor	Spud Date 5/20/04
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

EXISTING

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	396'	500 SX	
12 1/4"	9 5/8"	36#	1702'	650 SX	
8 3/4"	7"	23#	9005'	1625 SX	
6 1/8"	4 1/2"	11.6#	11970'	350 SX	

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

PLUG BACK METHOD WILL BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONES. PERF ATOKA @ 10924'-11060' (15 SHOTS). ACDZ W/ 3000 GAL NEFE 15% HCL ACID. SWAB/FLOW TEST. PLUG BACK METHOD WILL BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONES. PERF THE STRAWN @ 10218'-10320' (20 SHOTS). ACDZ W/ 3500 GAL NEFE 15% HCL ACID. SWAB/FLOW TEST.

If an earthen pit(s) will be utilized in association with this work, a permit must be obtained prior to pit construction.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines, a general permit, or an (attached) alternative OCD-approved plan.		OIL CONSERVATION DIVISION Approved by: <i>Jim W. Green</i> <i>District II Supervisor</i>	
Printed name: DIANA J. BRIGGS	<i>Diana Briggs</i>	Approval Date: OCT 02 2005	Expiration Date: OCT 02 2006
Title: PRODUCTION ANALYST		Conditions of Approval Attached <input type="checkbox"/>	
E-mail Address: PRODUCTION@MARBOB.COM	Date: 9/20/05	Phone: (505) 738-3303	

On plug backs operator is required to SET 35' cement on top of BP 100' above perms

Submit 3 Copies To Appropriate District Office
 District I
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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-105
 May 27, 2004

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

WELL API NO. 30015-33403
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RUTHIE FEE
8. Well Number 1
9. OGRID Number 14049
10. Pool name or Wildcat CARLSBAD; MORROW, SOUTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3080' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
MARBOB ENERGY CORPORATION

3. Address of Operator
PO BOX 227, ARTESIA, NM 88211-0227

4. Well Location
 Unit Letter N : 1026 feet from the SOUTH line and 660 feet from the WEST line
 Section 10 Township 22S Range 27E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3080' GL

Pit or Below-grade Tank Application or Closure

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

RECEIVED
 SEP 20 2005

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

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

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ACDZ CURRENT MORROW SAND @ 11386'-11587' W/ 6000 GAL 75Q NITROGEN FOAMED ACID MIXTURE (1500 GAL 7½% HCL ACID + 4500 GAL NITROGEN. SWAB/FLOW TEST. SET 10K COMPOSITE FRAC PLUG @ 11350'. PERF THE MORROW LIME @ 11224'-11228' (20 SHOTS). ACDZ W/ 1500 GAL NEFE 15% HCL ACID. SWAB/FLOW TEST.

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

SIGNATURE Diana J. Briggs TITLE PRODUCTION ANALYST DATE 9/19/05

Type or print name DIANA J. BRIGGS E-mail address: PRODUCTION@MARBOB.COM Telephone No. (505) 748-3301

For State Use Only
 TIM W. GUM
 DISTRICT II SUPERVISOR

APPROVED BY: _____ TITLE _____ DATE OCT 02 2005

Conditions of Approval (if any):

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-33403	Pool Code 85900	Pool Name Tansill Dam; ATOKA, S. (GAS)
Property Code 33875	Property Name RUTHIE FEE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3080'

Surface Location

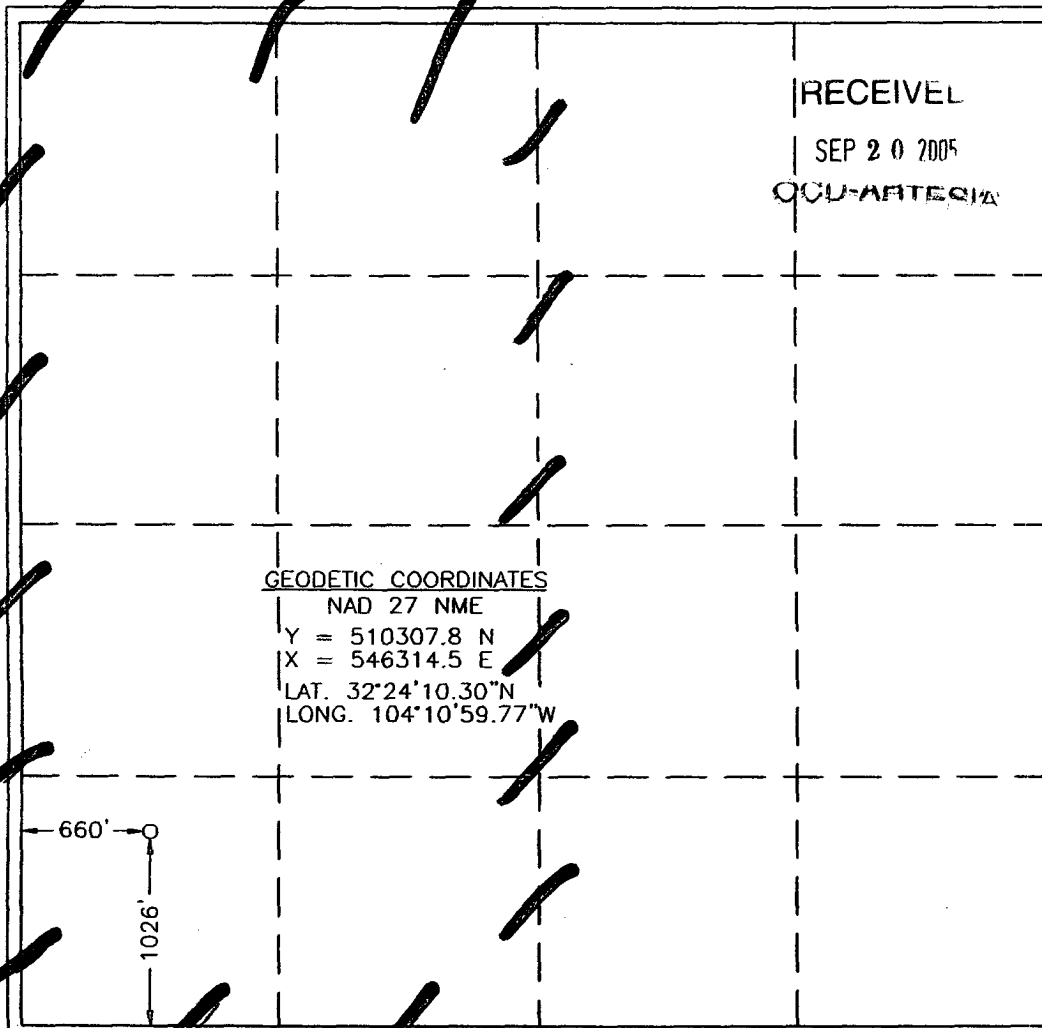
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	22-S	27-E		1026	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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



OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Diana J. Briggs</i> Signature	
DIANA J. BRIGGS Printed Name	
PRODUCTION ANALYST Title	
SEPTEMBER 19, 2005 Date	
SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
April 14, 2004	
Date Surveyed	A.W.B
<i>Gary E. Edson</i> Signature & Seal of Professional Surveyor	
GARY E. EDSON 04.11.0422	
Certificate No. GARY EDSON	12641

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

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

OIL CONSERVATION DIVISION
P.O. Box 2088

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-33403	Pool Code 744 74040	Pool Name STRAWN, COUNTY (GAS)
Property Code 33875	Property Name RUTHIE FEE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3080'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	22-S	27-E		1026	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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<p>RECEIVED SEP 20 2005 SANTA FE</p> <p>GEODETIC COORDINATES NAD 27 NME Y = 510307.8 N X = 546314.5 E LAT. 32°24'10.30"N LONG. 104°10'59.77"W</p> <p>660' 1026'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Diana J. Briggs</i> Signature</p> <p>DIANA J. BRIGGS Printed Name</p> <p>PRODUCTION ANALYST Title</p> <p>SEPTEMBER 19, 2005 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>April 14, 2004 Date Surveyed</p> <p><i>Gary Edson</i> Signature & Seal of Professional Surveyor</p> <p>04.11.0422</p>
	<p>Certificate No. GARY EDSON 12641</p>

**Ruthie Fee 1
M-10-22S-27E
Eddy Co., NM
Recompletion Procedure 1
8 Sept 05**

Basic Data:

13-3/8" @ 396' Circ. Cmt.

9-5/8" @ 1702' Circ. Cmt.

7" @ 9005' Circ. Cmt.

4.5"/11.6ppf/M95-110/LTC Burst=10690 psi, 8552 psi at 80% Nom. ID=4.000" Drift ID=3.875"

2.375"/4.7ppf/L80/EUE Burst=11200 psi, 8960 psi at 80% Nom ID=1.995" Drift ID=1.901"

Collapse=11780 psi, 9424 at 80%

Tensile=104,300 lb with no safety factor

Objective: Acidize current zone then recomplete well in the Morrow Lime, Atoka and/or Strawn.

Procedure:

1. Install tree saver and acidize current Morrow sand 11386-11587' with 6000 gals 75Q nitrogen foamed acid mixture (1500 gal 7.5% HCl acid + 4500 gal nitrogen) down tubing at 3-5 bpm while limiting treating pressure to 8500 psi and holding 1000 psi on annulus per attached recommendation. Drop 5 slugs of 20 1.1 sg ball sealers (100) spaced evenly through job. Swab/flow test until notified to do otherwise.
2. When ready to add pay, and assuming current zone is not producing significant water, blow well down, dump a small volume of clean 7% KCl water down tubing, NU BOP, unset packer, let fluid equalize and TOOH with packer using as little water as possible to control gas.
3. RU lubricator, run gauge ring to 11350', set 10k composite frac plug (ball on top) at 11350', load casing with KCl and test plug to 2500 psi.
4. RIH with packer, set at approx. 11150', test annulus to 1000 psi, tree up and swab fluid level down to 10000'. RU lubricator and perf Morrow Lime with 4 spf at 0° phasing using 1-11/16" decentralized Millenium Deep Star Capsule guns at the depths shown below (8.1 g charges, 19.6" penetration, 0.28" entry hole).

Morrow Lime: 11224-11228' (20 shots) Open Hole Log

5. Flow/swab fluid out of tubing, RU tree saver and treat with 1500 gals NE Fe 15% HCl acid. Pump acid at 3-5 bpm while limiting treating pressure to 8500 psi and holding 1000 psi on annulus. No ball sealers will be used. Swab/flow test until notified to do otherwise.

6. When ready to test next zone, plug back method will be determined based on results of previous zone(s). RU lubricator and perf Atoka with 1 spf at any phasing using 3-1/8" or 3-3/8" casing gun at the depths shown below:

Atoka: 10924', 10927', 10932', 10935', 10941', 10943', 10945', 10947', 11018',
11021', 11037', 11049', 11053', 11057', 11060' (15 shots) Open Hole Log

Atoka: 10923', 10926', 10931', 10934', 10940', 10942', 10944', 10946', 11017',
11020', 11036', 11048', 11052', 11056', 11059' (15 shots) GR/CCL

7. RIH with packer assembly, set packer at approx. 10850', test annulus to 1000 psi, tree up, swab tubing dry, install tree saver and treat with 3000 gals. NE Fe 15% HCl acid. Pump acid at 3-5 bpm while limiting treating pressure to 8500 psi and holding 1000 psi on annulus. Drop 45 ballsealers through job. Swab/flow test until notified to do otherwise.

8. When ready to test next zone, plug back method will be determined based on results of previous zone(s). RU lubricator and perf Strawn with 1 spf at any phasing using 3-1/8" or 3-3/8" casing gun at the depths shown below:

Strawn: 10218', 10220', 10222', 10224', 10226', 10228', 10230', 10232', 10234', 10236', 10238', 10240',
10242', 10306', 10308', 10310', 10312', 10314', 10316', 10320' (20 shots) Open Hole Log

Strawn: 10216', 10218', 10220', 10222', 10224', 10226', 10228', 10230', 10232', 10234', 10236', 10238',
10240', 10304', 10306', 10308', 10310', 10312', 10314', 10318' (20 shots) GR/CCL

9. RIH with packer assembly, set packer at approx. 10150', test annulus to 1000 psi, tree up, swab tubing dry, install tree saver and treat with 3500 gals. NE Fe 15% HCl acid. Pump acid at 3-5 bpm while limiting treating pressure to 8500 psi and holding 1000 psi on annulus. Drop 60 ballsealers through job. Swab/flow test until notified to do otherwise.

Kbc/ruthie 1 mrrw lime atoka str

1500



Acidize perfs ~~1000~~ gal of 75Q Foamed Acid energized with ~~150~~ scf/bbl N2 Treat via 2-3/8" tubing at 5 BPM total foam rate (1.25 bpm liquid rate plus ~~1.25~~ scf/min N2 rate) with an anticipated wellhead treating pressure of 1,500 psi. Flush with ~~customer supplied 7% KCL fluid~~ **nitrogen** energized with 1072 scf/bbl N2.

7-1/2% HCL Acid / Methanol (75/25): (1,000 Gal) ^{Per}

Base Fluid	7-1/2% HCL Acid
Mixing Fluid	Fresh Water
Alcohol	250 gal/Mgal Methanol * (replaces equal volume of mix water)
Corrosion Inhibitor	2 gal/Mgal HAI-GE
Surfactant	2 gal/Mgal SSO-21M Winterized
Surfactant	1 gal/Mgal Superflo III
Clay Control	250 lbm/Mgal Potassium Chloride
Iron Control	20 lbm/Mgal Ferchek(R) A
Solvent	25 gal/Mgal Musol(R) A

* Customer Supplied

~~* 7% KCL Water~~

~~Customer to supply 1,000 gals required for flush + any additional.~~

* Methanol

Customer to supply 250 gallons of Methanol through third party charge (HES to coordinate).

Nitrogen

N2 required for treatment and energized flush: ~~20,000~~ scf +

Coodown for one units: ~~20,000~~ scf

Total N2 Required: ~~50,000~~ scf

N2 Rate: ~~0.25~~ scf/min @ 1,200 psi

Flush w/ 100% Nitrogen

Nitrogen schedule to be attached to callout sheet.

Well: Ruthie Fee 1

Zero: 17' AGL

Location: 1026' FSL, 660' FWL
 M-10-229-27e
 Eddy NM

KB: 3097'
 GL: 3080'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	48	H40	STC	396'
9 5/8"	36	J55	STC	1702'
7"	23	N80 P110	LTC	9005'
4 1/2"	11.6	M95-110	LTC	11970'
2 3/8"	4.7	L80	EVE	

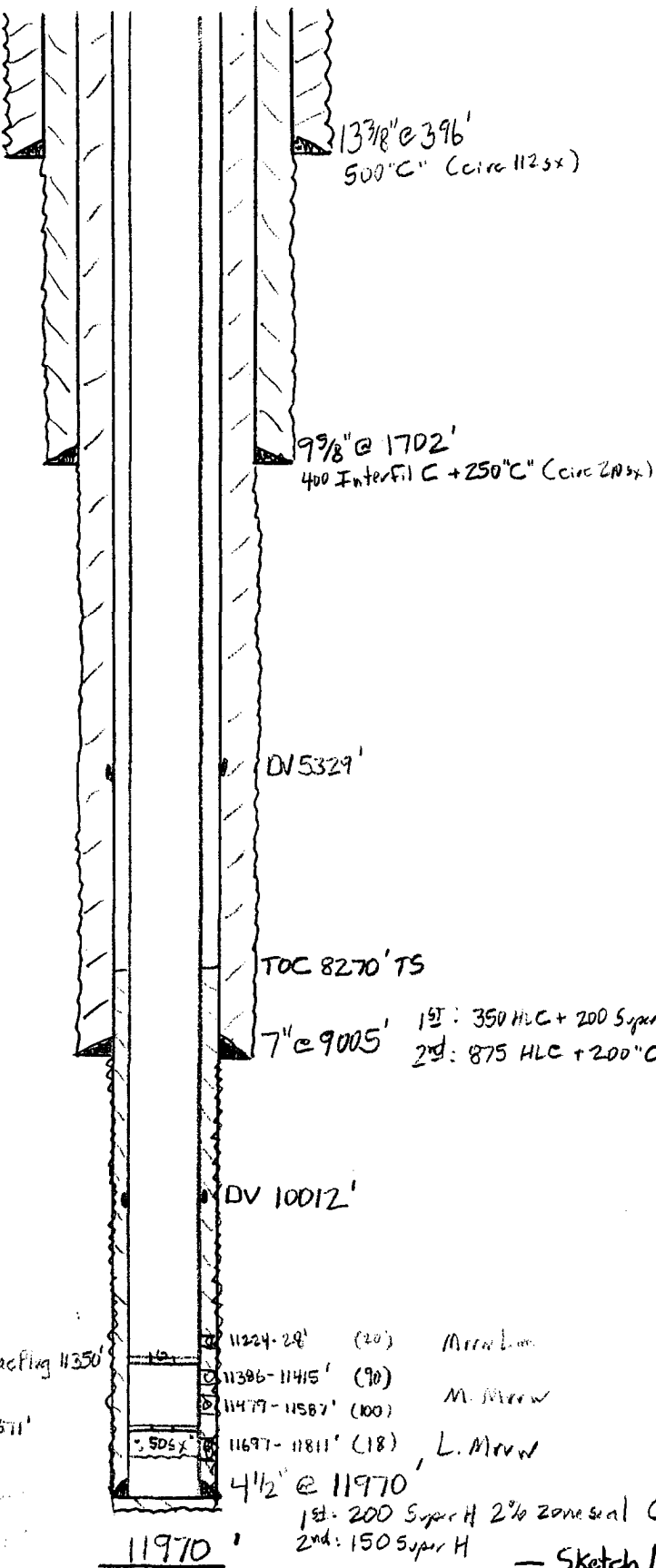
100 SHEETS EYE BASE 5 SOIARE
 200 SHEETS EYE BASE 5 SOIARE
 100 RECYCLED WHITE 5 SOIARE
 200 RECYCLED WHITE 5 SOIARE
 MADE IN U.S.A.

12 1/4"

8 3/4"

6 1/8"

Comp Frac Plug 11350'
 RTW 11571'
 FC 11925'
 Markers 11970'



AFTER

- Sketch Not To Scale -

KBCollins/

Well: Ruthie Fee 1

Zero: 17' AGL

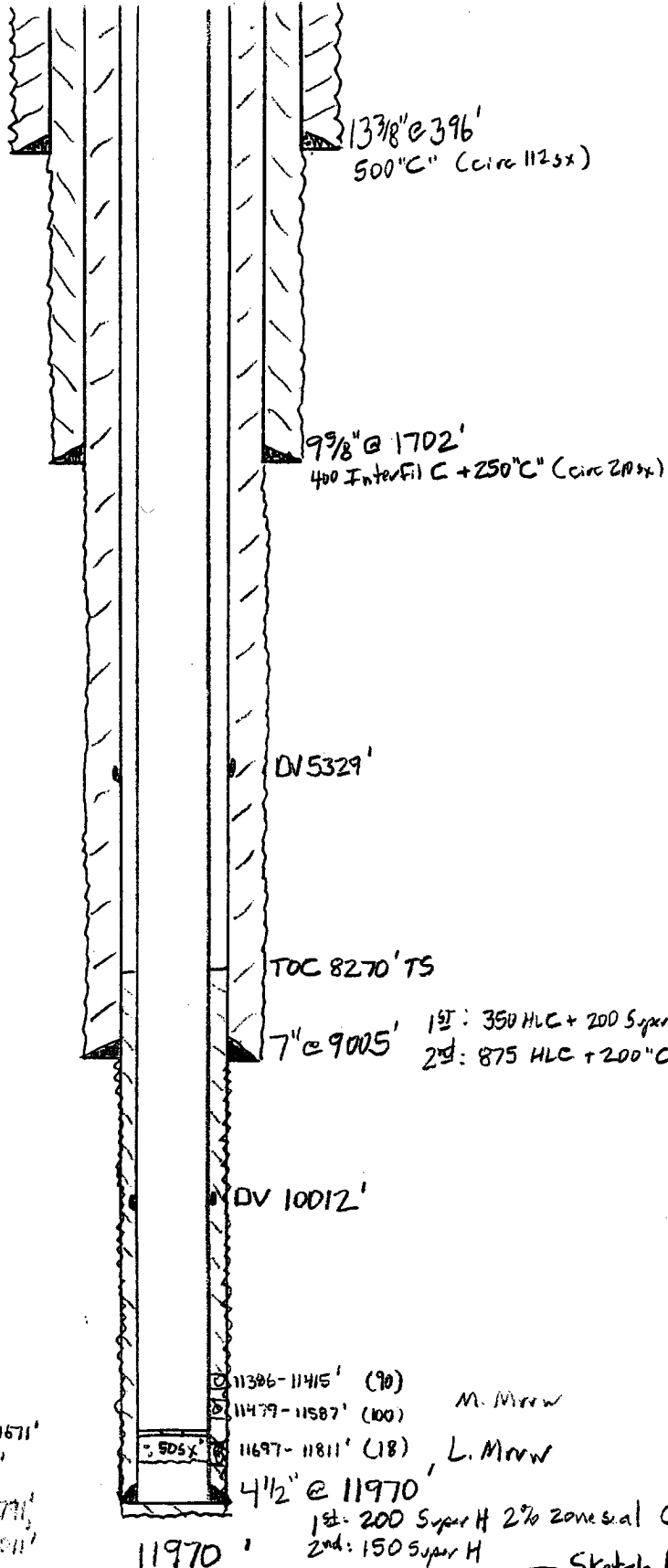
Location: 1026' FSL, 660' FWL
M-10-225-27e
Eddy NM

KB: 3097'
 GL: 3080'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 7/8"	48	H40	STC	396'
9 5/8"	36	J55	STC	1702'
7"	23	N80.P110	LTC	9005'
4 1/2"	11.6	M95-110	LTC	11970'
2 3/8"	4.7	L80	EVE	

7 1/2"
 12 1/4"
 8 3/4"
 6 1/8"
 Riser 11571'
 11925'
 11771'
 750'

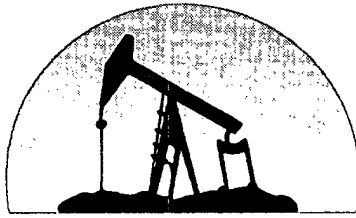


① 11386-11415' (90) M. Morrow
 ② 11479-11587' (100)
 ③ 11697-11811' (18) L. Morrow
 4 1/2" @ 11970'
 1st: 200 Super H 2% zonal seal (Circ 32 sx)
 2nd: 150 Super H

BEFORE

- Sketch Not To Scale -

KBC Collins /



marbob
energy corporation

September 23, 2005

Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

Attention: Bryan Arrant

Re: Ruthie Fee #1
1026' FSL & 660' FWL
Section 10, T22S, R27E
Eddy County, New Mexico

Dear Bryan:

Marbob Energy Corporation plans to recompleate this well in the Atoka or Strawn formation and we don't anticipate encountering any H2S gas during the recompleation process. Therefore, we do not believe that an H2S contingency plan is necessary.

If you have questions or need further information, please call.

Sincerely,

Diana Briggs
Production Analyst

DB/mp