

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-005-63859
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Hasburg A 35 Fee
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp (Gas)

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 _____

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
EOG Resources Inc.

3. Address of Operator
P.O. Box 2267 Midland, Texas 79702

4. Well Location

Unit Letter **H** : **1880** feet from the **North** line and **154** feet from the **East** line
Section **35** Township **15S** Range **24E** NMPM County **Chaves**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3528 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: **completion** ☒

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.

2/27/07 TD @ 7840' MD.

3/01/07 Ran 169 jts 5 1/2", 17#, N-80 casing set @ 7438'.

Cemented w/ 450 sx Interfill C, 11.9 ppg, 2.38 yield; 450 sx Acid Soluble Cement, 15.0 ppg, 2.57 yield. Circulated 80 sx to surface. Released rig.

3/04/07 MIRU to start completion.

Step rate test 5 1/2" casing to 7000 psi for 30 min. Test good.

3/05/07 Perforate 6774' to 7325', 0.48", 24 holes.

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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 3/19/07

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE MAR 29 2007

Conditions of Approval, if any:

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Energy, Minerals and Natural Resources



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

Form C-103
May 27, 2004

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6. State Oil & Gas Lease No.

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1. Type of Well: Oil Well ☐ Gas Well ☒ Other	Month - Year MAR 28 2007 OCD - ARTESIA, NM	7. Lease Name or Unit Agreement Name: Hasburg A 35 Fee
2. Name of Operator EOG Resources Inc.		8. Well Number 2H
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		9. OGRID Number 7377
4. Well Location Unit Letter H : 1880 feet from the North line and 154 feet from the East line Section 35 Township 15S Range 24E NMPM County Chaves	10. Pool name or Wildcat Wildcat; Wolfcamp (Gas)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3528 GR		
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 _____		

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PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: **completion** ☒

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.

3/07/07 Frac w/ 71 bbls 15% HCL acid, 323 bbls XL gel, 86767 lbs 30/70 sand, 33370 lbs 16/30 sand, 4419 bbls slick water. Flow back.
3/08/07 Clean out.
3/10/07 Perforate 5975' to 6515', 0.54", 21 holes.
3/13/07 Frac w/ 142 bbls 15% HCL acid, 523 bbls XL gel, 92866 lbs 30/70 sand, 30829 lbs 16/30 sand, 4264 bbls slick water.
Perforate 5150' to 5705', 0.54", 21 holes.

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 Stan Wagner TITLE Regulatory Analyst DATE 3/19/07
Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

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Form C-103
May 27, 2004

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SUBSEQUENT REPORT OF:

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CASING TEST AND CEMENT JOB ☐
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3/13/07 Frac w/ 142 bbls 15% HCL acid, 523 bbls XL gel, 105432 lbs 30/70 sand, 53971 lbs 16/30 sand, 4450 bbls slick water. Flow back.
3/15/07 RIH to drill out frac plugs and clean out.
3/16/07 RIH w/ 2 3/8" production tubing set at 5501'.
3/17/07 Turned to sales.

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 Stan Wagner TITLE Regulatory Analyst DATE 3/19/07

Type or print name **Stan Wagner**

E-mail address:

Telephone No. **432 686 3689**

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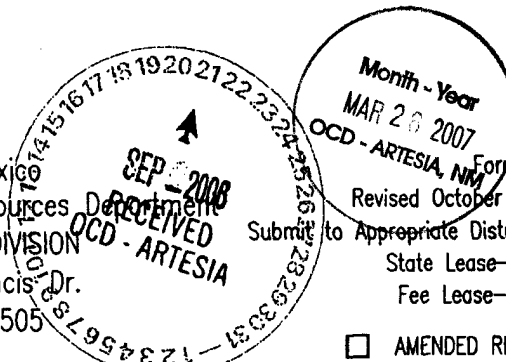
APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

MAR 29 2007

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-63859		Pool Code 97489	Pool Name Wildcat; Wolfcamp (Gas)
Property Code 36029	Property Name HASBURG "A" 35 FEE		Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.		Elevation 3528'

Surface Location

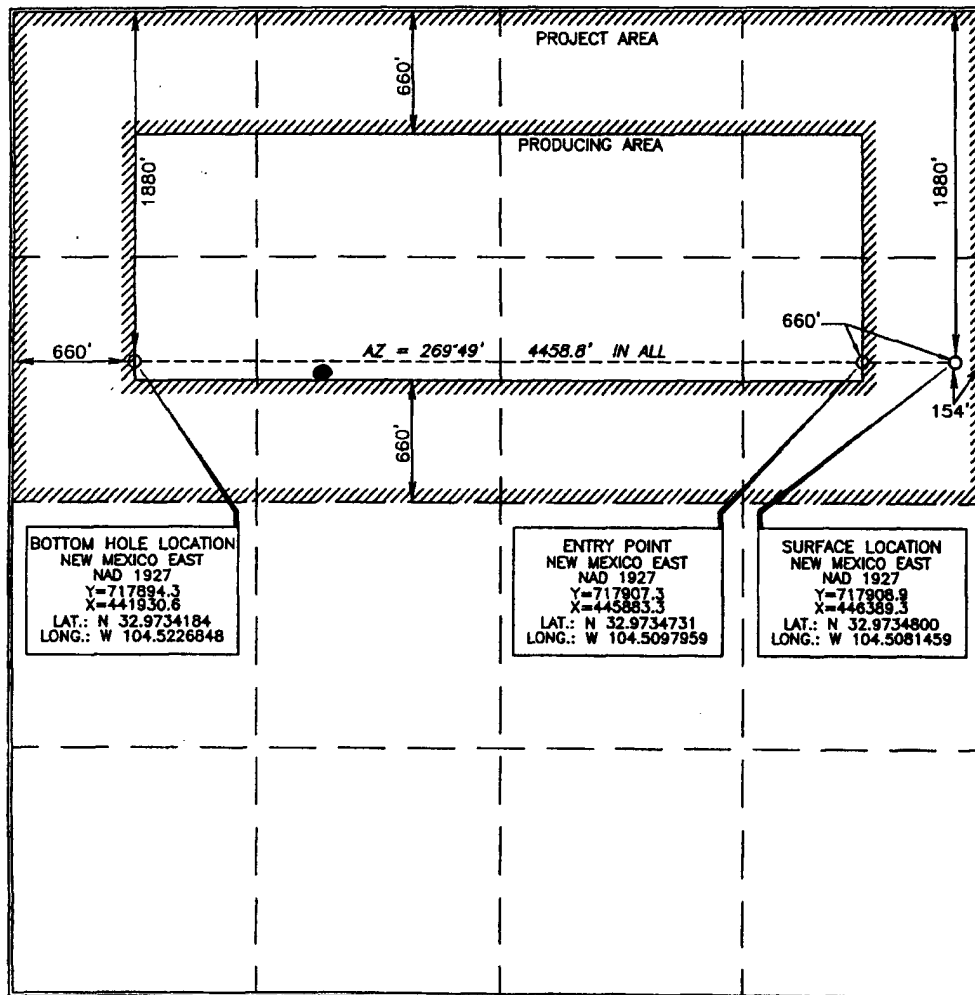
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	15 SOUTH	24 EAST, N.M.P.M.		1880'	NORTH	154'	EAST	CHAVES

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
F	35	15 SOUTH	24 EAST, N.M.P.M.		1911	NORTH	1681	WEST	CHAVES

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

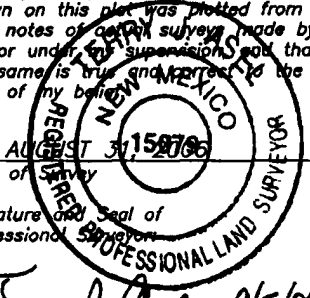
Donny G. Glanton 9/19/2006
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision and that the same is true and correct to the best of my belief.

August 31, 2006
Date of Survey
Signature and Seal of Professional Surveyor
Terry J. Clark 9/5/06
Certificate Number 15079





«
° SCIENTIFIC DRILLING CONTROLS °
»

KEEPER GYRO SURVEY
Directional Survey Report

for
UAAA;
3 E.O.G. 3
AAAU

Well Number : HASBURG A 35 FEE NO.2H
Well Location : CHAVEZ COUNTY, NEW MEXICO
Job Number : 32K0207157
Location Latitude : 32.974
Survey Date : 20-FEB-2007
S.D.C. Personnel : ANGEL GUEBARA
Length Units : Feet
North Reference : GRID North
Grid Correction : 0.10 Degrees
Survey Depth Zero : RKB
Proposal Direction : 269.76
Calculation Method : Minimum Curvature

Remarks : The OUTRUN Survey will be called definitive

«
° SCIENTIFIC DRILLING CONTROLS °
»

Outrun Survey
for
E.O.G.

Page 1

Well No.: HASBURG A 35 FEE NO.2H Date : 20-FEB-2007
Job No. : 32K0207157 GRID Proposal : 269.76
Depth T.V.D. V.S. Inc Azimuth Latitude Departure D-leg
(Feet) (Feet) (Feet) Deg. Deg. (Feet) (Feet) /100
0.00 0.00 0.00 0.00 0.10 0.00 0.00 0.00
100.00 100.00 -0.13 0.30 149.33 -0.23 0.13 0.30
200.00 200.00 -0.36 0.33 160.39 -0.72 0.36 0.07
300.00 300.00 -0.50 0.41 172.39 -1.35 0.51 0.11
400.00 399.99 -0.50 0.06 299.30 -1.68 0.51 0.45

500.00	499.99	-0.01	0.53	283.83	-1.54	0.01	0.47
600.00	599.99	1.08	0.76	283.78	-1.27	-1.08	0.23
700.00	699.98	2.38	0.77	282.01	-0.97	-2.38	0.03
800.00	799.97	3.70	0.78	284.14	-0.67	-3.70	0.03
900.00	899.96	5.09	0.87	285.85	-0.29	-5.09	0.09
1000.00	999.95	6.32	0.61	290.27	0.10	-6.32	0.27
1100.00	1099.94	7.17	0.44	292.65	0.43	-7.17	0.17
1200.00	1199.94	7.85	0.42	297.03	0.74	-7.85	0.04
1300.00	1299.94	8.63	0.59	296.29	1.14	-8.64	0.17
1400.00	1399.93	9.61	0.64	292.08	1.58	-9.62	0.07
1500.00	1499.92	10.77	0.80	292.57	2.06	-10.78	0.16
1600.00	1599.91	12.17	0.89	284.85	2.52	-12.18	0.14
1700.00	1699.90	13.71	0.94	282.64	2.90	-13.73	0.06
1800.00	1799.89	15.34	0.95	274.39	3.14	-15.35	0.14
1900.00	1899.88	16.74	0.71	248.32	2.98	-16.76	0.44
2000.00	1999.87	17.95	0.85	238.10	2.36	-17.96	0.20
2100.00	2099.86	19.16	0.79	236.76	1.59	-19.17	0.06
2200.00	2199.85	20.20	0.54	255.38	1.09	-20.20	0.33
2300.00	2299.85	21.01	0.41	268.38	0.96	-21.02	0.17
2400.00	2399.84	21.64	0.31	261.40	0.91	-21.64	0.11
2500.00	2499.84	22.14	0.29	252.40	0.79	-22.15	0.05
2600.00	2599.84	22.60	0.26	288.67	0.79	-22.61	0.17
2700.00	2699.84	23.05	0.33	305.80	1.03	-23.05	0.11
2800.00	2799.84	23.58	0.42	304.60	1.41	-23.59	0.09
2900.00	2899.84	24.20	0.47	308.28	1.87	-24.21	0.06
3000.00	2999.83	24.89	0.49	301.19	2.35	-24.90	0.06
3100.00	3099.83	25.48	0.35	311.61	2.77	-25.49	0.16
3200.00	3199.83	26.05	0.46	302.38	3.19	-26.06	0.13
3300.00	3299.82	26.29	0.15	46.35	3.49	-26.31	0.52
3400.00	3399.82	25.74	0.54	75.06	3.70	-25.76	0.41
3500.00	3499.82	24.61	0.79	76.33	3.99	-24.63	0.25
3600.00	3599.80	23.07	1.04	74.15	4.40	-23.09	0.25
3700.00	3699.77	20.70	1.77	74.50	5.06	-20.73	0.73
3800.00	3799.72	17.51	1.95	89.67	5.48	-17.54	0.52
3900.00	3899.67	14.55	1.53	109.20	5.05	-14.57	0.72
3965.00	3964.66	13.29	0.99	127.35	4.43	-13.31	1.02

Hasburg A 35 Fee #2H Final Surveys.txt

~Version Information

VERS. 2.00: PATHFINDER ENERGY SERVICES LAS - Version 2.00
 WRAP. NO: One line per depth step

~Well Information

STRT.FT 0.0000:
 STOP.FT 7845.0000:
 STEP.FT 0.0000:
 NULL. -999.25:
 COMP. EOG RESOURCES: COMPANY
 WELL. HASBURG A 35 FEE #2H: WELL
 FLD. WILDCAT: FLD
 SRVC. Pathfinder Energy Services: SERVICE COMPANY
 LOC. : LOCATION
 DATE. 28-Feb-07: LOG DATE
 UWI. 30-005-63859: API NUMBER
 APD .FT 18.50: ELEVATION ABOVE PERMANENT DATUM
 CNTY. CHAVES: COUNTY
 CTRY. UNITED STATES: COUNTRY
 DMF. KELLY BUSHINGS: DRILLING-LOG MEASURED FROM
 EPD .FT 3528.00: ELEVATION OF PERMANENT DATUM
 FL1. 1880' FNL 154' FEL: WELL LOCATION 1
 FL2. X; 4463770' Y; 7178810': WELL LOCATION 2
 PDAM. GROUND LEVEL - MEAN SEA LEVEL: ELEVATION OF PERMANENT DATUM REF
 PDAT. GROUND LEVEL: PERMANENT DATUM
 RANG. 24E: RANGE
 SECT. 035: SECTION
 STAT. NM: STATE
 TOWN. 15S: TOWNSHIP

~Parameter Information

BHB1.IN 12 1/4: BOREHOLE REC; BIT 1
 BHF1.FT 0: BOREHOLE REC; FROM 1
 BHO1.FT 1020: BOREHOLE REC; TO 1
 BHB2.IN 7 7/8: BOREHOLE REC; BIT 2
 BHF2.FT 1020: BOREHOLE REC; FROM 2
 BHO2.FT 7822: BOREHOLE REC; TO 2
 CTS1.IN 8 5/8: CASING & TUBING REC; SIZE 1
 CTF1.FT 0: CASING & TUBING REC; FROM 1
 CTO1.FT 1020: CASING & TUBING REC; TO 1
 DCOM. MCVAY: DRILLING COMPANY
 RIG. #4: DRILLING RIG
 LUN. RENTAL: LOGGING UNIT NUMBER
 DIST. WEST TEXAS: DISTRICT
 SPUD. 16-FEB-07: SPUD DATE
 STDT. 22-FEB-07: START DATE
 SDEP.FT 4007: DEPTH IN
 ENDT. 28-FEB-07: LWD END DATE
 EDEP.FT 7822: DEPTH OUT
 TDEP.FT 7822: TOTAL DEPTH
 R011. DEPART ORIGINAL WELLBORE OFF CEMENT PLUG IN OPEN HOLE @ 4007' MD (4006' TVD).:
 Remarks - Line 011
 R001. EOG RESOURCES AFE#; 103-396.: Remarks - Line 001
 R002. PATHFINDER ENERGY TRACKING #; 101006212 WT-WT.: Remarks - Line 002
 R004. ALL REFERENCES IN DEPTH TRACK ARE AT BIT DEPTH.: Remarks - Line 004
 R005. ALL LOGGING DATA IS TRANSMITTED ONLY UNLESS STATED OTHERWISE.: Remarks - Line 005
 "R007. RUN #1; 6 3/4"" HDS-1R/GAMMA-RAY LOGGING RUN.: Remarks - Line 007 "
 "R008. RUN #2; 6 3/4"" HDS-1R/GAMMA-RAY LOGGING RUN.: Remarks - Line 008 "
 "R009. RUN #3; 6 3/4"" HDS-1R/GAMMA-RAY LOGGING RUN.: Remarks - Line 009 "
 RA01. 1: RUN NUMBER 01
 RB01. 22-FEB-07: START DATE - RUN 01
 RC01. 10;30: START TIME - RUN 01
 RD01. 23-FEB-07: END DATE - RUN 01
 RE01. 15;00: END TIME - RUN 01
 RF01.FT 4007: DEPTH IN - RUN 01

Hasburg A 35 Fee #2H Final Surveys.txt

RG01.FT	4201: DEPTH OUT - RUN 01
RH01.FT	3960: LOG TOP - RUN 01
RI01.FT	4154: LOG BOTTOM - RUN 01
RJ01.IN	7 7/8: HOLE SIZE - RUN 01
RU01.	S. GARAY: ENGINEER #1 - RUN 01
RV01.	S. BIBB: ENGINEER #2 - RUN 01
MB01.FT	4201: MUD DEPTH - RUN 01
MD01.	WATER BASED: MUD TYPE - RUN 01
ME01.LB/GAL	8.90: DENSITY - RUN 01
MF01.S/QT	29: VISCOSITY - RUN 01
MG01.	10.0: PH - RUN 01
MM01.CM3/30	100.0: FLUID LOSS - RUN 01
MH01.PPM	47500: SALINITY - RUN 01
MK01.DEGF	94: MAX REC TEMP - RUN 01
RA02.	2: RUN NUMBER 02
RB02.	23-FEB-07: START DATE - RUN 02
RC02.	15:30: START TIME - RUN 02
RD02.	25-FEB-07: END DATE - RUN 02
RE02.	06:00: END TIME - RUN 02
RF02.FT	4201: DEPTH IN - RUN 02
RG02.FT	4998: DEPTH OUT - RUN 02
RH02.FT	4154: LOG TOP - RUN 02
RI02.FT	4951: LOG BOTTOM - RUN 02
RJ02.IN	7 7/8: HOLE SIZE - RUN 02
RU02.	S. GARAY: ENGINEER #1 - RUN 02
RV02.	S. BIBB: ENGINEER #2 - RUN 02
MB02.FT	4551: MUD DEPTH - RUN 02
MD02.	WATER BASED: MUD TYPE - RUN 02
ME02.LB/GAL	8.90: DENSITY - RUN 02
MF02.S/QT	29: VISCOSITY - RUN 02
MG02.	12.7: PH - RUN 02
MM02.CM3/30	100.0: FLUID LOSS - RUN 02
MH02.PPM	48000: SALINITY - RUN 02
MK02.DEGF	101: MAX REC TEMP - RUN 02
RA03.	3: RUN NUMBER 03
RB03.	25-FEB-07: START DATE - RUN 03
RC03.	07:15: START TIME - RUN 03
RD03.	28-FEB-07: END DATE - RUN 03
RE03.	20:00: END TIME - RUN 03
RF03.FT	4998: DEPTH IN - RUN 03
RG03.FT	7822: DEPTH OUT - RUN 03
RH03.FT	4951: LOG TOP - RUN 03
RI03.FT	7767: LOG BOTTOM - RUN 03
RJ03.IN	7 7/8: HOLE SIZE - RUN 03
RU03.	S. GARAY: ENGINEER #1 - RUN 03
RV03.	S. BIBB: ENGINEER #2 - RUN 03
MB03.FT	7822: MUD DEPTH - RUN 03
MD03.	WATER BASED: MUD TYPE - RUN 03
ME03.LB/GAL	9.40: DENSITY - RUN 03
MF03.S/QT	40: VISCOSITY - RUN 03
MG03.	9.0: PH - RUN 03
MM03.CM3/30	6.5: FLUID LOSS - RUN 03
MH03.PPM	62000: SALINITY - RUN 03
MK03.DEGF	108: MAX REC TEMP - RUN 03
TTL1.	GAMMA-RAY: HEADER TITLE LINE 1
TTL2.	: HEADER TITLE LINE 2
TTL3.	: HEADER TITLE LINE 3
SC1 .	: LOG SCALE 1
"SC2 .	1"" = 100' : LOG SCALE 2"
OS1 .	ROP: OTHER SERVICES LINE 1
OS2 .	DIRECTIONAL: OTHER SERVICES LINE 2
~Curve Information	
DEPT.FT	: MWD Tool Measurement Depth

Hasburg A 35 Fee #2H Final Surveys.txt

MTTVD.FT
INC .DEG
AZI .DEG
SECT.FT
RCN .FT
RCE .FT
DLSEV.DG/HFT
DELMD.FT

: MWD Tool Measurement TVD
: Inclination
: Azimuth
: Section
: Rectangular Co-ordinates North
: Rectangular Co-ordinates East
: Dog-leg Severity
: Course Length (Delta M.D.)

#	DEPT	MTTVD	INC	AZI	SECT	RCN	RCE	DLSEV	DELMD
#	FT	FT	DEG	DEG	FT	FT	FT	DG/HFT	FT
#									
#	Re-log Number	0	0	0	0	0	0	0	0
#									

~ASCII Data

3900.00	3899.67	1.53	109.20	14.58	5.05	-14.57	-999.25	-999.25
4012.00	4011.65	0.62	201.68	13.39	4.00	-13.38	1.50	112.00
4044.00	4043.65	2.11	263.38	14.04	3.77	-14.03	5.93	32.00
4075.00	4074.59	4.57	263.47	15.83	3.56	-15.83	7.94	31.00
4107.00	4106.43	6.95	278.93	19.01	3.72	-19.00	8.81	32.00
4139.00	4138.10	9.41	280.87	23.50	4.51	-23.49	7.73	32.00
4171.00	4169.53	12.22	279.73	29.41	5.58	-29.40	8.81	32.00
4202.00	4199.64	15.30	277.79	36.70	6.68	-36.68	10.05	31.00
4234.00	4230.23	18.73	275.59	46.00	7.76	-45.98	10.90	32.00
4266.00	4260.30	21.28	273.22	56.91	8.58	-56.90	8.36	32.00
4298.00	4289.80	24.27	270.94	69.29	9.02	-69.27	9.74	32.00
4329.00	4317.71	27.35	270.85	82.78	9.23	-82.77	9.94	31.00
4361.00	4345.67	30.78	271.65	98.32	9.57	-98.30	10.79	32.00
4393.00	4372.66	34.21	272.52	115.50	10.21	-115.48	10.82	32.00
4424.00	4397.86	37.02	273.22	133.53	11.11	-133.51	9.16	31.00
4456.00	4423.00	39.39	271.90	153.30	11.99	-153.28	7.83	32.00
4488.00	4447.27	41.94	269.53	174.15	12.24	-174.12	9.32	32.00
4520.00	4470.52	44.85	268.91	196.13	11.94	-196.10	9.19	32.00
4551.00	4491.92	47.84	269.79	218.55	11.69	-218.53	9.86	31.00
4583.00	4512.83	50.56	270.50	242.77	11.75	-242.75	8.66	32.00
4615.00	4532.48	53.64	270.58	268.02	11.99	-268.00	9.63	32.00
4647.00	4550.82	56.45	271.11	294.24	12.38	-294.22	8.89	32.00
4678.00	4567.27	59.44	271.64	320.51	13.01	-320.48	9.75	31.00
4710.00	4582.74	62.70	272.08	348.50	13.92	-348.47	10.26	32.00
4742.00	4596.63	65.86	272.17	377.31	14.99	-377.27	9.88	32.00
4773.00	4608.63	68.59	271.64	405.87	15.94	-405.84	8.95	31.00
4805.00	4619.83	70.43	270.94	435.84	16.61	-435.81	6.10	32.00
4837.00	4630.06	72.28	270.14	466.16	16.90	-466.12	6.25	32.00
4869.00	4639.28	74.22	269.53	496.80	16.81	-496.76	6.33	32.00
4900.00	4647.16	76.33	269.18	526.78	16.47	-526.74	6.89	31.00
4932.00	4654.20	78.26	268.83	557.98	15.93	-557.95	6.12	32.00
4963.00	4659.85	80.72	268.83	588.45	15.31	-588.42	7.94	31.00
4995.00	4664.65	82.04	268.30	620.08	14.51	-620.05	4.44	32.00
5027.00	4668.67	83.54	268.12	651.81	13.52	-651.78	4.72	32.00
5059.00	4672.05	84.33	267.86	683.61	12.41	-683.58	2.60	32.00
5090.00	4674.75	85.65	267.16	714.46	11.06	-714.43	4.81	31.00
5122.00	4677.21	85.56	267.60	746.33	9.61	-746.31	1.40	32.00
5153.00	4679.60	85.56	267.86	777.21	8.38	-777.19	0.84	31.00
5185.00	4681.15	88.90	269.00	809.15	7.51	-809.14	11.03	32.00
5217.00	4681.05	91.45	269.62	841.14	7.12	-841.13	8.20	32.00
5311.00	4679.25	90.75	268.74	935.11	5.78	-935.10	1.20	94.00
5407.00	4677.70	91.10	269.62	1031.09	4.40	-1031.08	0.99	96.00
5502.00	4675.44	91.63	270.14	1126.06	4.20	-1126.05	0.78	95.00
5597.00	4673.46	90.75	270.14	1221.04	4.44	-1221.03	0.93	95.00
5692.00	4672.58	90.31	269.62	1316.03	4.24	-1316.02	0.72	95.00
5788.00	4671.92	90.48	269.79	1412.02	3.74	-1412.02	0.25	96.00
5883.00	4670.32	91.45	271.38	1507.00	4.71	-1507.00	1.96	95.00
5978.00	4668.79	90.40	271.46	1601.97	7.07	-1601.95	1.11	95.00
6074.00	4669.08	89.25	270.94	1697.95	9.08	-1697.93	1.32	96.00

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6169.00	4668.58	91.36	271.82	1792.92	11.36	-1792.90	2.41	95.00
6293.00	4665.72	91.28	270.41	1916.86	13.78	-1916.84	1.14	124.00
6388.00	4662.58	92.51	270.94	2011.80	14.89	-2011.78	1.41	95.00
6484.00	4658.60	92.24	270.23	2107.72	15.87	-2107.69	0.79	96.00
6579.00	4655.10	91.98	270.14	2202.65	16.18	-2202.62	0.29	95.00
6674.00	4653.57	89.87	268.83	2297.63	15.33	-2297.60	2.61	95.00
6769.00	4654.15	89.43	268.30	2392.59	12.95	-2392.57	0.72	95.00
6864.00	4655.24	89.25	268.12	2487.53	9.98	-2487.51	0.27	95.00
6957.00	4656.89	88.72	267.60	2580.44	6.51	-2580.43	0.80	93.00
7051.00	4658.20	89.69	268.39	2674.37	3.22	-2674.37	1.33	94.00
7146.00	4656.89	91.89	269.09	2769.32	1.13	-2769.33	2.43	95.00
7241.00	4655.79	89.43	265.75	2864.19	-3.15	-2864.20	4.37	95.00
7336.00	4655.64	90.75	267.07	2958.99	-9.09	-2959.01	1.96	95.00
7432.00	4653.65	91.63	268.04	3054.87	-13.19	-3054.90	1.36	96.00
7526.00	4653.36	88.72	265.93	3148.71	-18.13	-3148.76	3.82	94.00
7621.00	4653.36	91.28	267.77	3243.55	-23.35	-3243.60	3.32	95.00
7716.00	4651.54	90.92	267.51	3338.44	-27.26	-3338.50	0.47	95.00
7822.00	4649.84	90.92	267.51	3444.31	-31.87	-3444.39	0.00	106.00