

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

September 6, 1995

**D. J. Simmons Company, Ltd.
c/o On Site Technologies, Ltd.
P. O. Box 2606
Farmington, New Mexico 87499**

Attention: Robert L. Crabb

Administrative Order DD-116

Dear Mr. Crabb:

Reference is made to your application on behalf of the operator D. J. Simmons Company, Ltd. dated July 31, 1995 for authorization to recomplete its existing Simmons "E" Well No. 2 (API No. 30-045-07944) by side tracking off of the vertical wellbore and directionally drill to a pre-determined bottom-hole location in order to further develop the Blanco-Mesaverde Pool underlying its existing 296.26-acre gas spacing and proration unit ("GPU") comprising Lots 3, 4, 5, 6, 11, 12, 13, and 14 (W/2 equivalent) of Section 23, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111(D) and (E) of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995;
- (2) The Simmons "E" Well No. 2, located at a standard gas well location 890 feet from the South line and 990 feet from the West line (Lot 3/Unit M) of said Section 23, was originally drilled and completed as an initial Blanco-Mesaverde well in 1952/53;
- (3) By Order No. R-8170, as amended, the Division promulgated the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool*", which includes provisions for 320-acre gas spacing and proration units and well location requirements whereby the initial well drilled

on a GPU shall be located be no closer than 790 feet to the outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary and the infill well drilled on an existing GPU shall be in the quarter section not containing a Mesaverde gas well and shall be located with respect to the restrictions as previously described;

- (4) The infill well for the subject GPU is the Simmons "E" Well No. 2-A (API No. **30-045-22802**), located at a standard gas well location 1700 feet from the North line and 790 feet from the West line (Lot 5/Unit E) of said Section 23.
- (5) The applicant/operator proposes to kick-off from vertical at a depth of approximately 3,800 feet in a northeasterly direction and drill in such a manner as to bottom back into the Blanco-Mesaverde Pool, with total horizontal displacement of said well to be approximately 840 feet;
- (6) The applicable drilling window or "producing area" for said wellbore should include that area within the SW/4 equivalent of said Section 23 that is no closer than 790 feet to the quarter section line; and,
- (7) It appearing the applicant has satisfied all of the appropriate requirements prescribed in said Rule 111.D and E, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of Division General Rule 111.

IT IS THEREFORE ORDERED THAT:

(1) The operator, D. J. Simmons Company, Ltd., is hereby authorized to recomplete its existing Simmons "E" Well No. 2 (API No. **30-045-07944**), located at a standard gas well location 890 feet from the South line and 990 feet from the West line (Lot 13/Unit M) of Section 23, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico, by side tracking off of the vertical wellbore at a depth of approximately 3,800 feet in a northeasterly direction and drill in such a manner as to bottom back in the Blanco-Mesaverde Pool, within the SW/4 equivalent of said Section 23 such that the bottomhole location is no closer than 790 feet to the quarter section line;

PROVIDED HOWEVER THAT prior to commencing directional drilling operations in said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED FURTHER THAT during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Aztec district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Aztec offices of the Division upon completion.

(3) This well shall remain in the existing 296.26-acre gas spacing and proration unit comprising the W/2 equivalent of said Section 23.

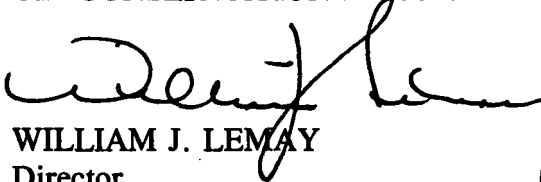
(4) The operator shall comply with all requirements and conditions set forth in Division General Rule 111.E(2) and any applicable requirements in 111.D and F and Order No. R-8170, as amended.

(5) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(6) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
File: Case 11,274

DD-SIMM.1

Received 8/1/95
Susp. 8/21/95
Released: 9/6/95

September 6, 1995

D. J. Simmons Company, Ltd.
c/o On Site Technologies, Ltd.
P. O. Box 2606
Farmington, New Mexico 87499

Attention: Robert L. Crabb

Administrative Order DD- 116

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- (2) The Simmons "E" Well No. 2, located at a standard gas well location 890 feet from the South line and 990 feet from the West line (Lot 3/Unit M) of said Section 23, was originally drilled and completed as an initial Blanco-Mesaverde well in 1952/53;
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quarter-quarter section line or subdivision inner boundary and the infill well drilled on an existing GPU shall be in the quarter section not containing a Mesaverde gas well and shall be located with respect to the restrictions as previously described;

- (4) The infill well for the subject GPU is the Simmons "E" Well No. 2-A (API No. 30-045-22802), located at a standard gas well location 1700 feet from the North line and 790 feet from the West line (Lot 5/Unit E) of said Section 23.
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- (6) The applicable drilling window or "producing area" for said wellbore should include that area within the SW/4 equivalent of said Section 23 that is no closer than 790 feet to the quarter section line; and,
- (7) It appearing the applicant has satisfied all of the appropriate requirements prescribed in said Rule 111.D and E, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of Division General Rule 111.

IT IS THEREFORE ORDERED THAT:

(1) The operator, D. J. Simmons Company, Ltd., is hereby authorized to recomplete its existing Simmons "E" Well No. 2 (API No. 30-045-07944), located at a standard gas well location 890 feet from the South line and 990 feet from the West line (Lot 13/Unit M) of Section 23, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico, by side tracking off of the vertical wellbore at a depth of approximately 3,800 feet in a northeasterly direction and drill in such a manner as to bottom back in the Blanco-Mesaverde Pool, within the SW/4 equivalent of said Section 23 such that the bottomhole location is no closer than 790 feet to the quarter section line;

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and course, may be determined.

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DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

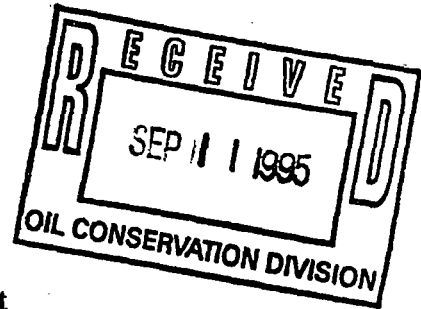
cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
File: Case 11,274

OFF: (505) 325-8786



LAB: (505) 325-5667

September 5, 1995



Mr. Michael E. Stogner
Chief Hearing Officer/Engineer
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Administrative Application for Directional Drilling Pursuant to General Rule 111
L.V. Hamner "A" Well No. 1 (Unit M) of Section 21
Simmons "E" Well No. 2 (Unit M) of Section 23
Simmons "S" Well No. 1 (Unit A) of Section 25 and
Simmons "E" Well No. 1 (Unit B) of Section 26;
all in Township 29 North, Range 9 West, NMPM, Blanco Mesaverde Pool,
San Juan County, New Mexico

Dear Mr. Stogner:

Please find attached, copies of the four maps denoting all off-setting units for the above mentioned wells. After reviewing and checking the areas that you requested, plus some additional ones, it was found that all off-setters remain to be Amoco and Meridian which have been notified.

All proration units, including the Simmons units, are stand ups.

I will be leaving for vacation after tomorrow. Could you please call me after receiving this fax to let me know if this is sufficient, as I need to complete this before I leave.

Thanks for your help.

Sincerely,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D.J. Simmons Company, Ltd.



Facsimile Cover Sheet

To: MICHAEL STOGNER
Company: NMOCD
Phone: 505-827-8185
Fax: 505-827-8177

From: ROBERT CRABB
Company: ON SITE TECHNOLOGIES, LTD.
Phone: 505-325-8786
Fax: 505-327-1496

Date: 09-05-95

**Pages Including this
cover page: 6**

Comments:

THANKS SO MUCH FOR YOUR ASSISTANCE. I WILL BE IN THE OFFICE THE REST OF THE DAY IF YOU SHOULD NEED ME. ALL ORIGINALS ARE IN THE U.S. MAIL.



ROBERT L. CRABB
ON SITE TECHNOLOGIES, LTD.
AGENT FOR D.J. SIMMONO COMPANY, LTD.

OFF: (505) 325-8786



LAB: (505) 325-5667

September 5, 1995

Mr. Michael E. Stogner
Chief Hearing Officer/Engineer
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Administrative Application for Directional Drilling Pursuant to General Rule 111
L.V. Hamner "A" Well No. 1 (Unit M) of Section 21
Simmons "E" Well No. 2 (Unit M) of Section 23
Simmons "S" Well No. 1 (Unit A) of Section 25 and
Simmons "E" Well No. 1 (Unit B) of Section 26;
all in Township 29 North, Range 9 West, NMPM, Blanco Mesaverde Pool,
San Juan County, New Mexico

Dear Mr. Stogner:

Please find attached, copies of the four maps denoting all off-setting units for the above mentioned wells. After reviewing and checking the areas that you requested, plus some additional ones, it was found that all off-setters remain to be Amoco and Meridian which have been notified.

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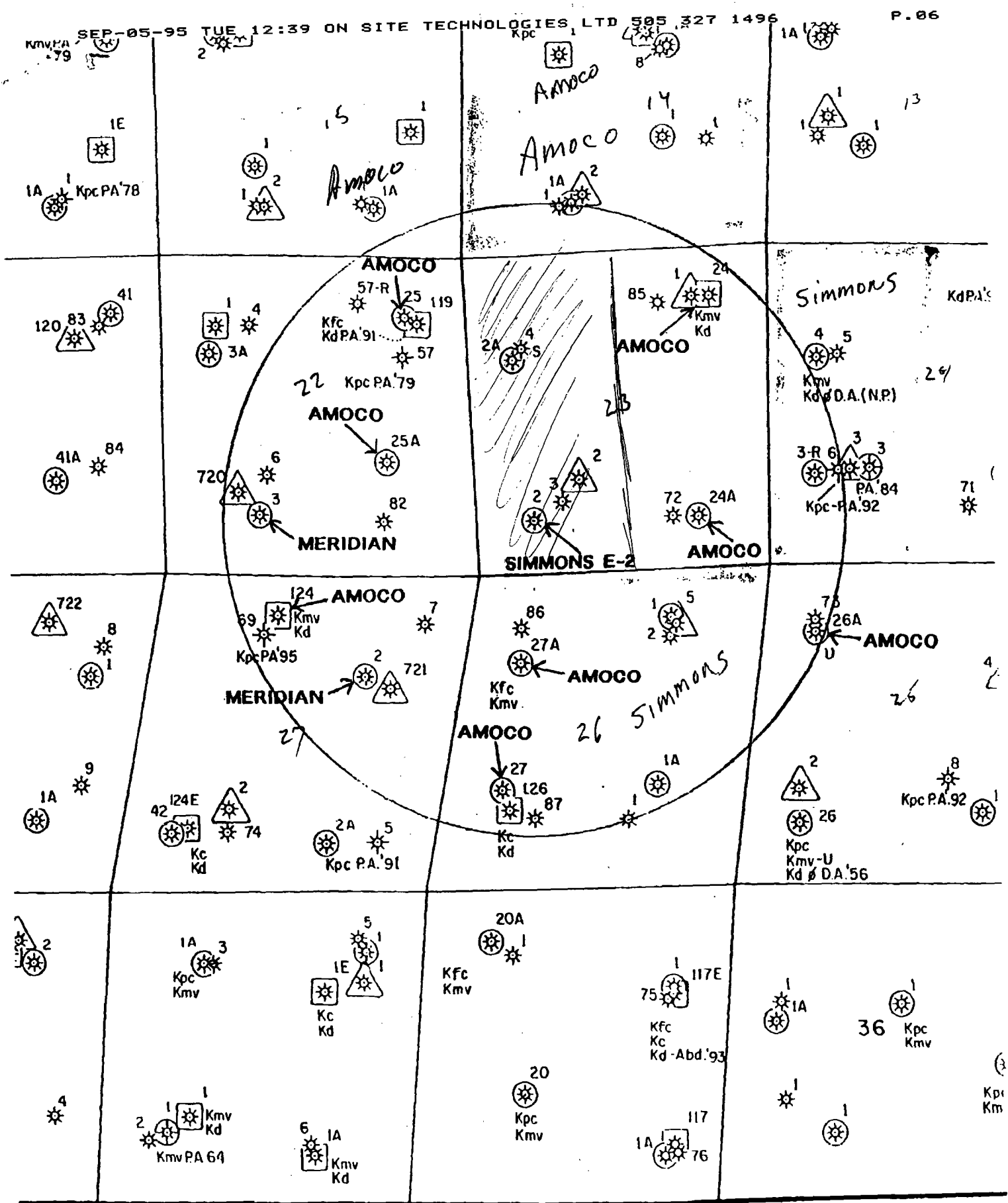
Thanks for your help.

Sincerely,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D.J. Simmons Company, Ltd.

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



R - 9 - W

OIL CONSERVATION DIVISION

August 23, 1995

D. J. Simmons Company, Ltd.
c/o On Site Technologies, Ltd.
P. O. Box 2606
Farmington, New Mexico 87499

Attention: Robert L. Crabb

RE: Administrative Application for Directional Drilling Pursuant to General Rule 111:
L. V. Hamner "A" Well No. 1 (Unit M) of Section 21;
Simmons "E" Well No. 2 (Unit M) of Section 23;
Simmons "S" Well No. 1 (Unit A) of Section 25; and,
Simmons "E" Well No. 1 (Unit B) of Section 26;
all in Township 29 North, Range 9 West, NMPM, Blanco-Mesaverde Pool, San Juan County, New Mexico.

Dear Mr. Crabb:

All four applications dated July 31, 1995 were forwarded to this office for review since all four proposed directionals are to be in an "intentional direction", and by definition such filings fall under the provisions of Division General Rule 111.D, which requires review and approval from the Division Director here in Santa Fe.

Upon my initial review of said applications, please submit an ownership map that shows all off-setting drilling units to each proposed "project area" in the Blanco-Mesaverde Pool and their associated operator. Also required is a "type log section" [see Rule 111.D(2)(e)]. Once this information is provided I can then process these filings. Thank you for your cooperation in this matter.

Should you have any additional questions or comments, please contact me at (505) 827-8185.

Sincerely,



Michael E. Stogner
Chief Hearing Officer/Engineer

MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington

Facsimile Cover Sheet

To: MICHAEL STOGNER
Company: NMOCD
Phone: 505-827-8185
Fax: 505-827-8177

From: ROBERT CRABB
Company: ON SITE TECHNOLOGIES, LTD.
Phone: 505-325-8788
Fax: 505-327-1496

Date: 09-05-95

Pages Including this
cover page: 6

Comments:

THANKS SO MUCH FOR YOUR ASSISTANCE. I WILL BE IN THE OFFICE THE REST OF THE DAY IF YOU SHOULD NEED ME. ALL ORIGINALS ARE IN THE U.S. MAIL.



ROBERT L. CRABB
ON SITE TECHNOLOGIES, LTD.
AGENT FOR D.J. SIMMONS COMPANY, LTD.

OFF: (505) 325-8786



LAB: (505) 325-5667

September 5, 1995

Mr. Michael E. Stogner
Chief Hearing Officer/Engineer
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Administrative Application for Directional Drilling Pursuant to General Rule 111
L.V. Hamner "A" Well No. 1 (Unit M) of Section 21
Simmons "E" Well No. 2 (Unit M) of Section 23
Simmons "S" Well No. 1 (Unit A) of Section 25 and
Simmons "E" Well No. 1 (Unit B) of Section 26;
all in Township 29 North, Range 9 West, NMPM, Blanco Mesaverde Pool,
San Juan County, New Mexico

Dear Mr. Stogner:

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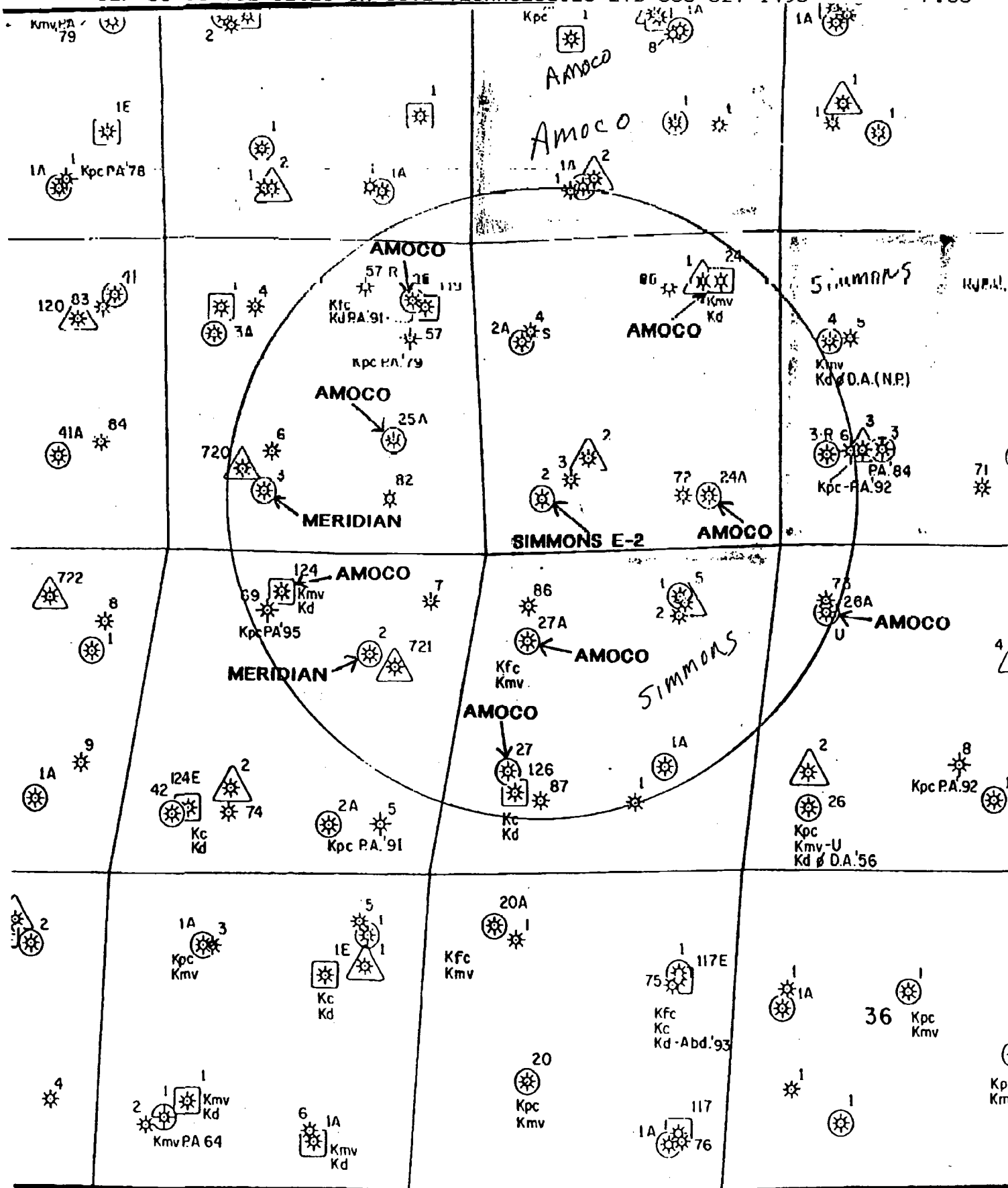
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Thanks for your help.

Sincerely,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D.J. Simmons Company, Ltd.



R-9-W

P. 01 *
TRANSACTION REPORT *
SEP-05-95 TUE 12:29 PM *
DATE START SENDER RX TIME PAGES TYPE NOTE *
SEP-05 12:22 PM 505 327 1496 5' 55" 6 RECEIVE COM. E-7. *

OFF: (505) 325-8786



LAB: (505) 325-5667

August 30, 1995

Mr. Michael E. Stogner
Chief Hearing Officer/Engineer
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Administrative Application for Directional Drilling Pursuant to General Rule 111:
L.V. Hamner "A" Well No. 1 (Unit M) of Section 21;
Simmons "E" Well No. 2 (Unit M) of Section 23;
Simmons "S" Well No. 1 (Unit A) of Section 25; and,
Simmons "E" Well No. 1 (Unit B) of Section 26;
all in Township 29 North, Range 9 West, NMPM, Blanco Mesaverde Pool,
San Juan County, New Mexico.

Dear Mr. Stogner:

I am in receipt of your letter dated August 23, 1995 in which you requested ownership maps showing off-setting drilling units to each of the four above mentioned projects and a "type log section" for each. I have enclosed three copies of same for each of the four locations. The off-setting producers are shown within a one mile radius of each project. Any Mesaverde locations that are not labeled are D.J. Simmons locations.

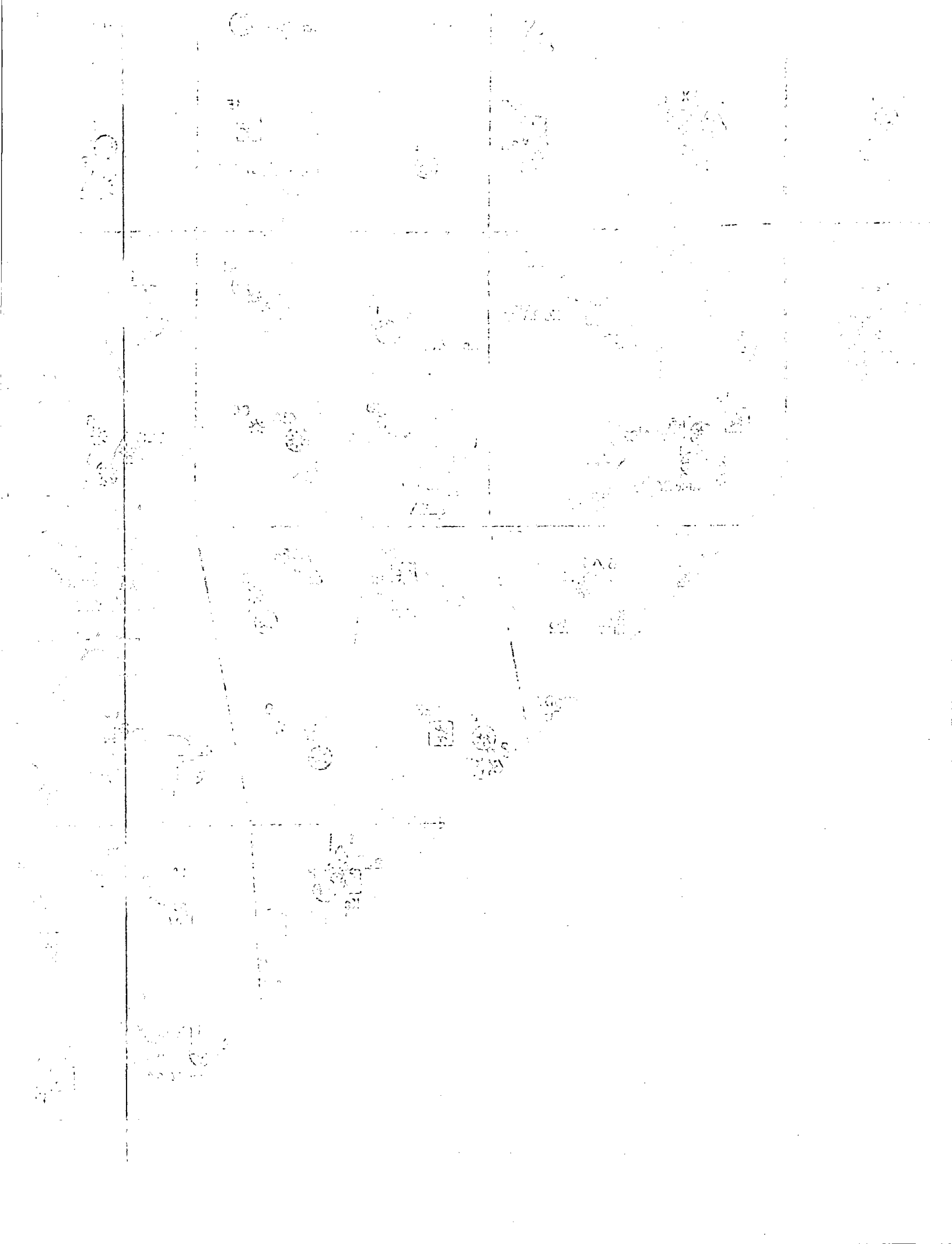
Please contact me if I can be of any further assistance.

Sincerely,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D.J. Simmons Company, Ltd.

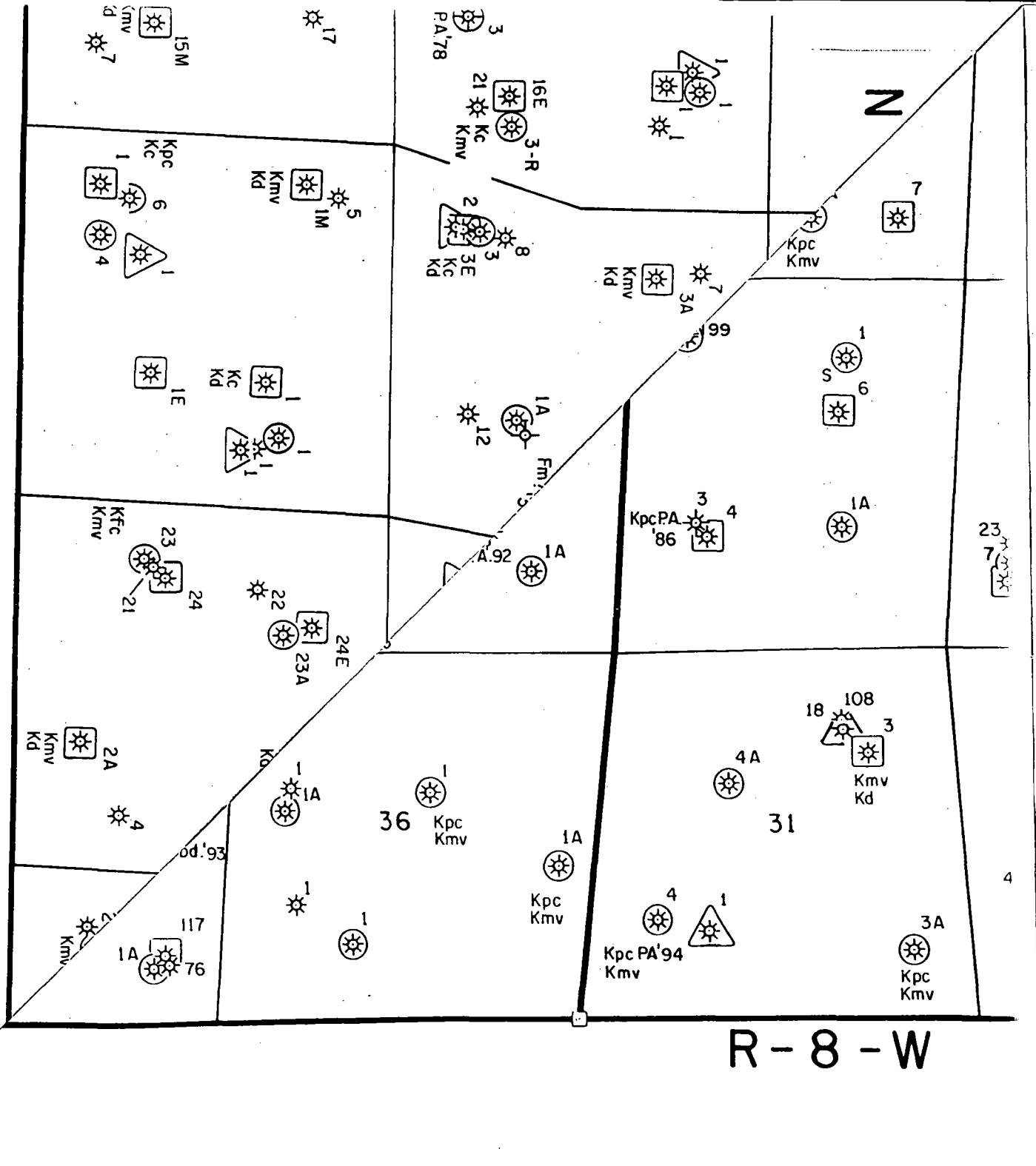
cc: Oil Conservation Division - Aztec
U.S. Bureau of Land Management - Farmington

[illegible][illegible]





R-9-W



MISS

1



1A

1A



6

Kpc PA'85



1



5

S

12



10



5A



CMD :
OG5IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/23/95 09:22:34
OGOMES -EMGU

API Well No : 30 45 7944 Eff Date : 04-07-1994 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (G)
OGRID Idn : 5578 D J SIMMONS CO
Prop Idn : 10172 SIMMONS E

Well No : 002
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 13	23	29N	09W	FTG 999 F S	FTG 999 F E	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/23/95 09:24:36
OGOMES -EMGU

API Well No : 30 45 22802 Eff Date : 04-07-1994 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (G)
OGRID Idn : 5578 D J SIMMONS CO
Prop Idn : 10172 SIMMONS E

Well No : 002A
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 5	23	29N	09W	FTG 999 F S	FTG 999 F E	P
Lot Identifier:							
Dedicated Acre:							
Lease Type							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

Sec : 23 Twp : 29N Rng : 09W Section Type : NORMAL

<p>4 37.79</p> <p>Federal owned</p>	<p>13 37.82</p> <p>Federal owned</p>	<p>2 37.81</p> <p>Federal owned A</p>	<p>1 37.86</p> <p>Federal owned A A</p>
<p>5 37.26</p> <p>Federal owned A A</p>	<p>6 37.30</p> <p>Federal owned</p>	<p>7 37.29</p> <p>Federal owned</p>	<p>8 37.33</p> <p>Federal owned</p>

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

75.05

75.12

Sec : 23 Twp : 29N Rng : 09W Section Type : NORMAL

12 36.77 Federal owned	11 36.79 Federal owned A	10 36.78 Federal owned	9 36.84 Federal owned
13 36.25 Federal owned A	14 36.28 Federal owned A	15 36.27 Federal owned A	16 36.31 Federal owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

73.02
75.05

148.07
148.19

73.07
75.12

148.19

296.26

OFF: (505) 325-8786



These
require S.F.
approval

67

July 31, 1995

Mr. Frank T. Chavez, District Supervisor
State of New Mexico Oil Conservation Division
Aztec District Office
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED
AUG - 1 1995
OIL CON. DIV.
DIST. 3

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL

Dear Mr. Chavez:

On behalf of D. J. Simmons Company, Ltd., I do hereby submit this letter of request to intentionally deviate the Simmons E-2 from the vertical by sidetracking. Said well is located in Section 23, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 890' FSL & 990' FWL. The bottomhole location will be 1480' FWL & 1380' FSL.

The purpose of the sidetracking is improve the drainage of the unit (see engineering notes and Exhibits attached). The bottom hole location is orthodox and within the drilling window for the Blanco Mesa Verde pool.

Your assistance granting administrative approval will be appreciated.

Yours truly,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D. J. Simmons Company, Ltd.

APPROVAL IS GRANTED FOR THE ABOVE REQUEST

SIGNATURE

TYPED OR PRINTED NAME

TITLE

DATE

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

District I

P.O. Box 1980, Hobbs, NM 88241

District II

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

P.O. Box 2088, Santa Fe, NM 87504

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number		2. Pool Code 72319		3. Pool Name BLANCO MESA VERDE		
4. Property Code		5. Property Name BUREAU OF LAND MANAGEMENT			6. Well Number E-2	
7. OGRID No.		8. Operator Name D.J. SIMMONS COMPANY, LTD.			9. Elevation	


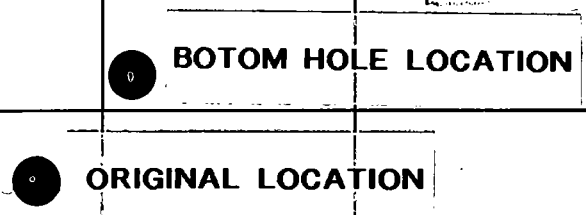
10. Surface Location

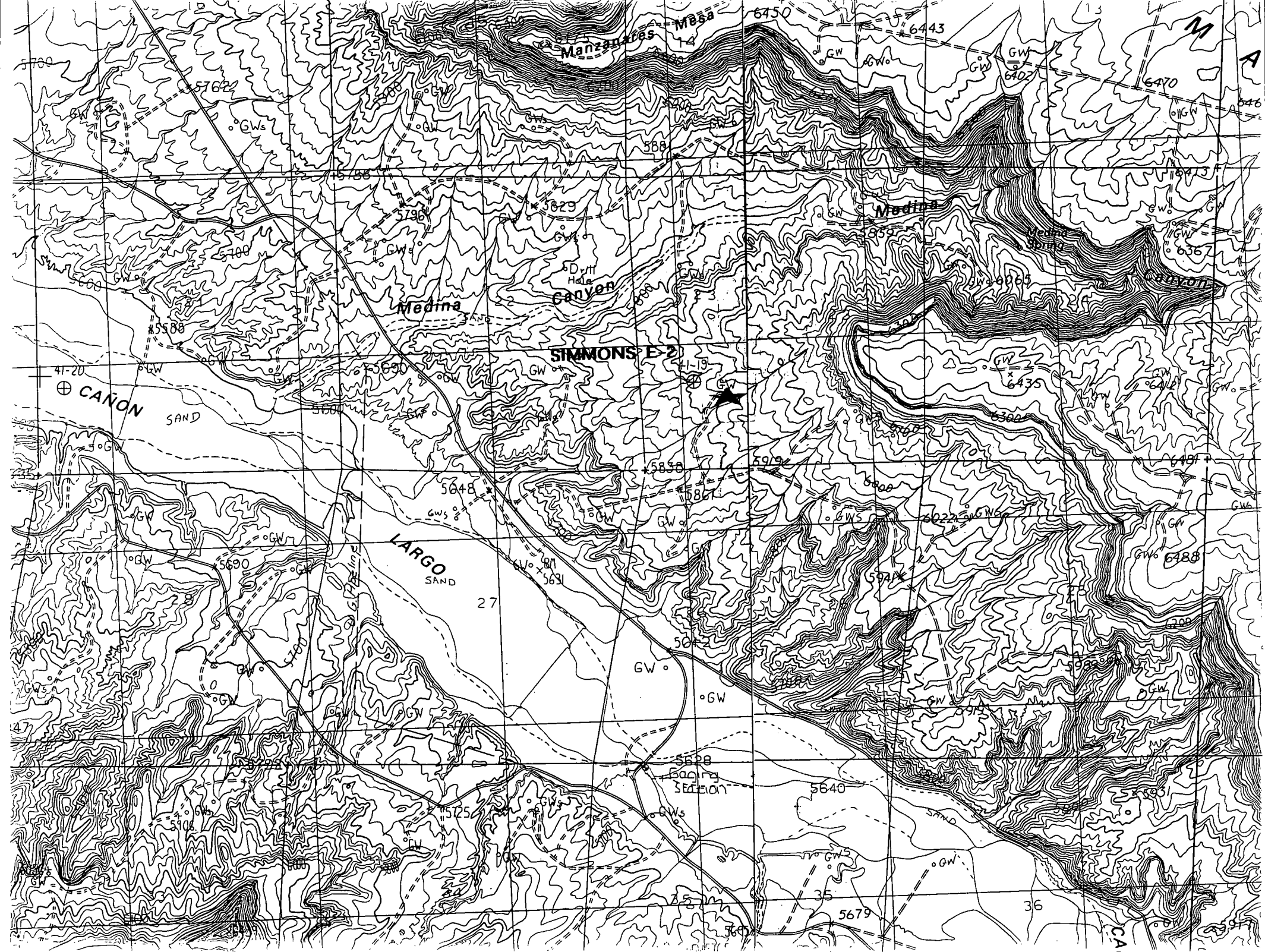
UL or lot no. M	Section 23	Township 29 North	Range 9 West	Lot Idn	Feet from the 890	North/South line SOUTH	Feet from the 990	East/West line WEST	County SAN JUAN
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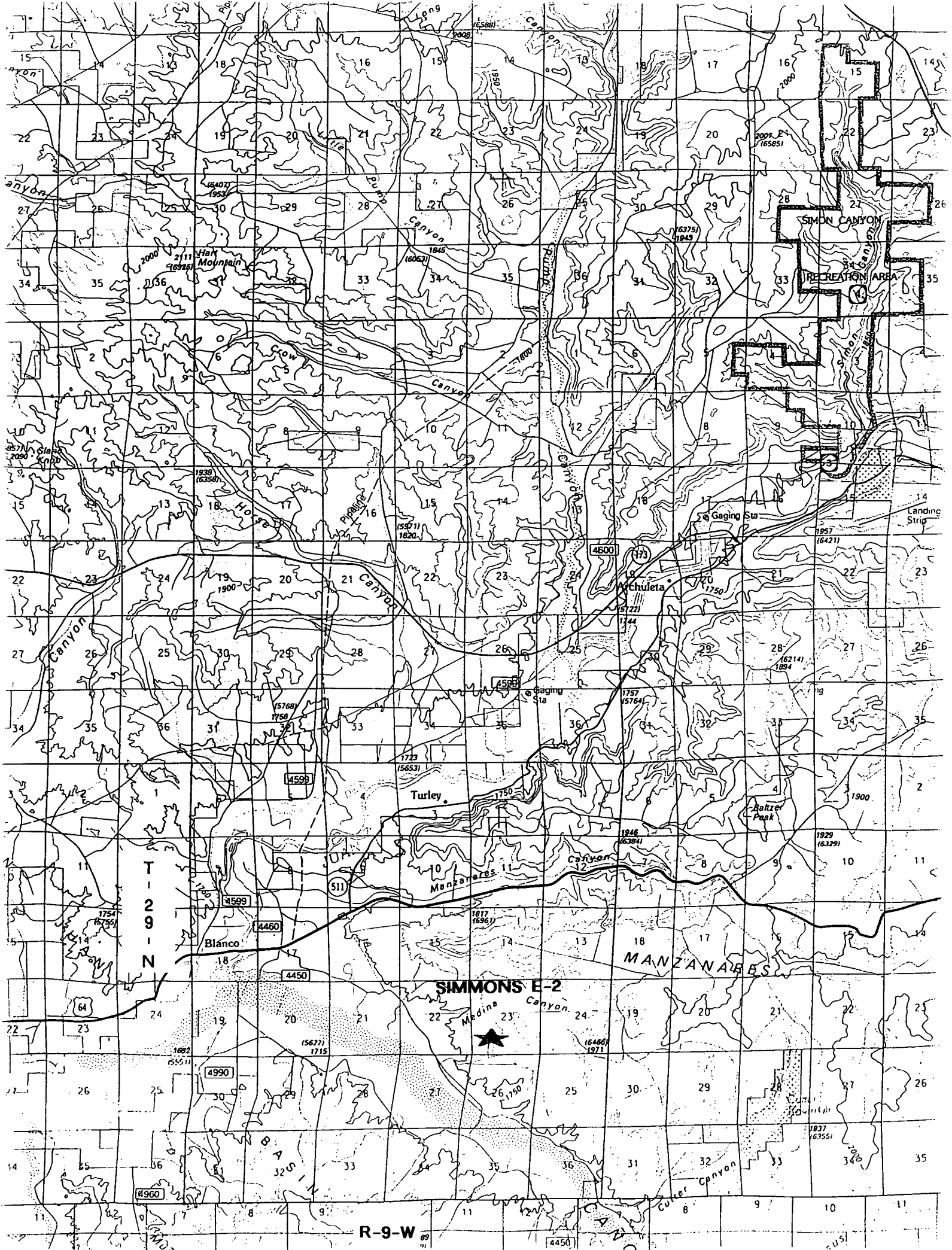
11. Bottom Hole Location If Different From Surface

UL or lot no. K	Section 23	Township 29 North	Range 9 West	Lot Idn	Feet from the 1380	North/South line SOUTH	Feet from the 1480	East/West line WEST	County SAN JUAN
12. Dedicated Acres 320		13. Joint or Infill		14. Consolidation Code		15. 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

16.				17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature	
				Printed Name ROBERT L. CRABB	
				Title AGENT FOR D.J. SIMMONS COMPANY, LTD.	
				Date JULY 31, 1995	
				18. 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.	
				Date of Survey	
				Signature and Seal of Professional Surveyer	
				Certificate Number	





ENGINEERING NOTES



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

Simmons E-2

Blanco Mesa Verde Sidetrack
Directional Drilling Plan

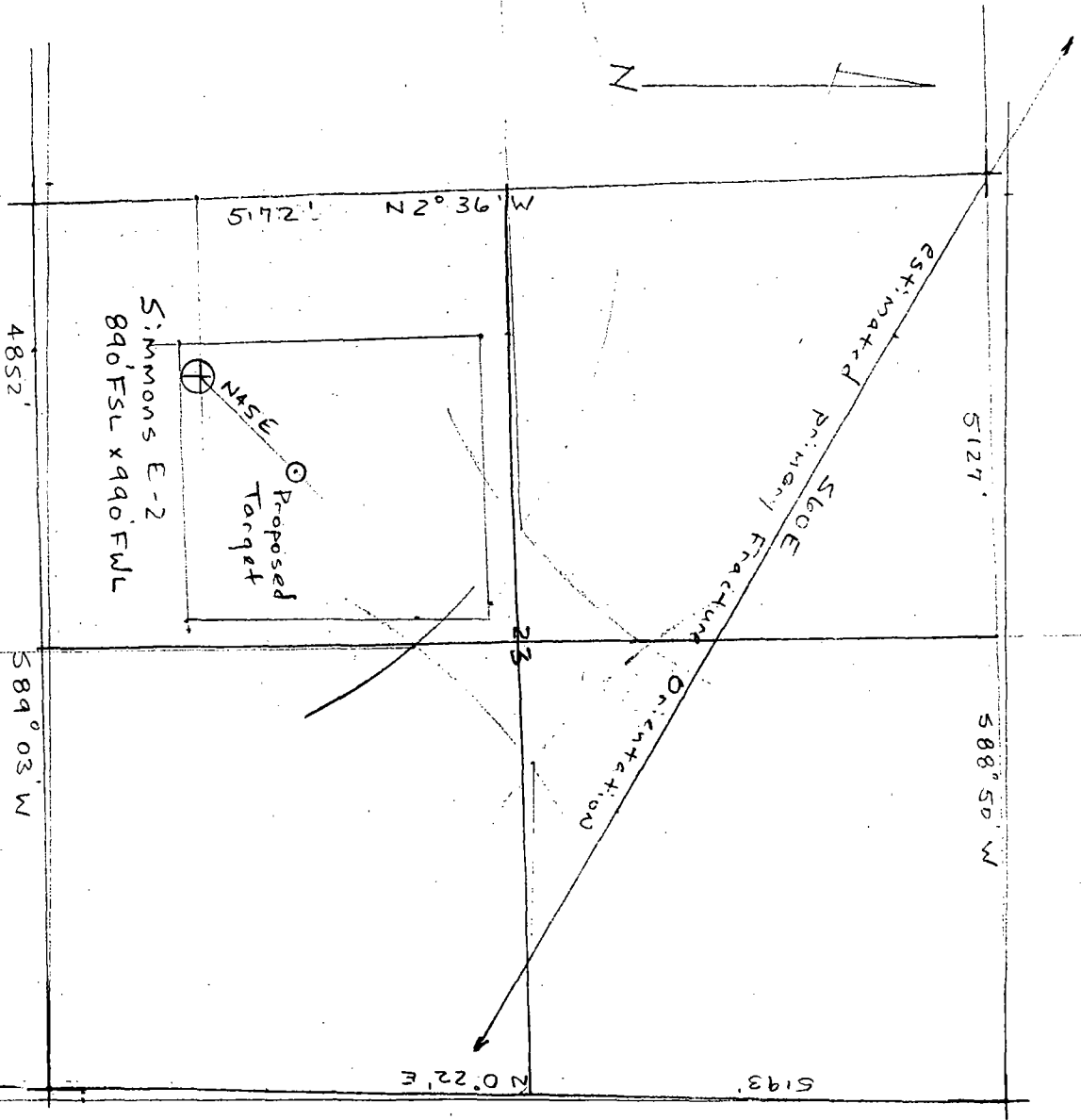
Engineering Calculations

On Site Technologies Ltd
R. GRIFFIN

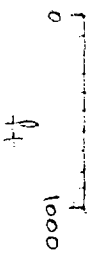


22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

Section 23 T29N R4W
San Juan County, NM



Data - Hopkins Map Service
BLM Survey



R. G. FEE
On Site Technologies Ltd

7/21/95

1/6

Simmers E-2
Blanco MV Side Track

Operations Outline

1. Plug back open hole to 3800' - 142' inside 7" csg set @ 3942'.
2. Repair 7" x 8 3/4" annulus by squeeze cementing Cement to Surface
3. Cut window in 7" csg 3700' - 3850'.
4. Directionally drill 6 1/4" hole to target
 - a. KOP = 3800'
 - b. build @ 10°/100' to 45° @
 - c. Target location - bottom of Point Lookout
489.79' North and 489.79' East of Surface Locn.
Legal Coordinates BHL: 1480 FWL x 1380 FSL
5. Log. Run 4 1/2" csg TD to Surface. Cement TD to 3600' inside 7" csg.
6. Perf & Frac Mesa Verde Sands



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

4000

5000

2000

1000

0

TL 4856

Point Lookout
4560
Mantles
4730

Nitro Shot
Open hole completion
11/26/52

Cliff House
4010
Mentee
4120

7' 23" PPF, JSS
300 sks

3942'

To C unknown

P.C.
2340
Lewis Sh.
2420

8 3/4" hole

Probably stuck in hole

2 3/8" 4.7 PPF, JSS
@ 4846'

R. Garfield
Onsite Technologies

Simmons E-2
Current Wellbore
Schematic

Surfacer csg
9 5/8 32 PPF
69 sks

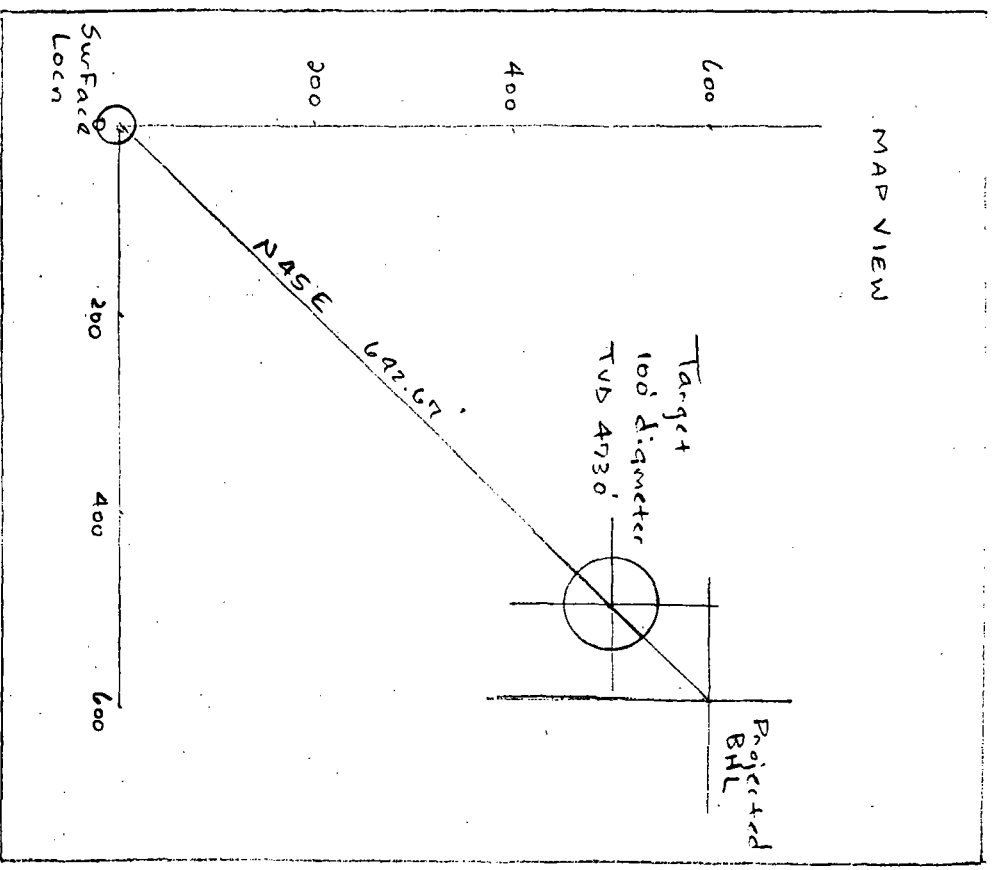
GL 5835.66'

7/5/95

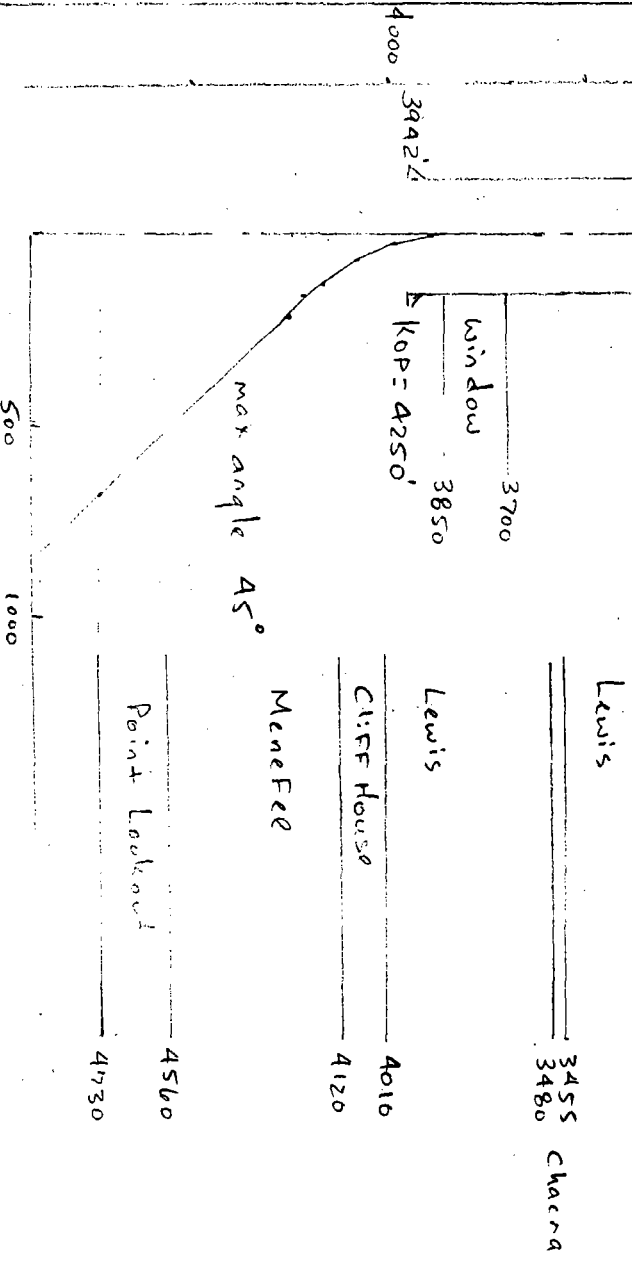
3/6



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



R. GRIFFIN
OnSite Technologies Ltd.



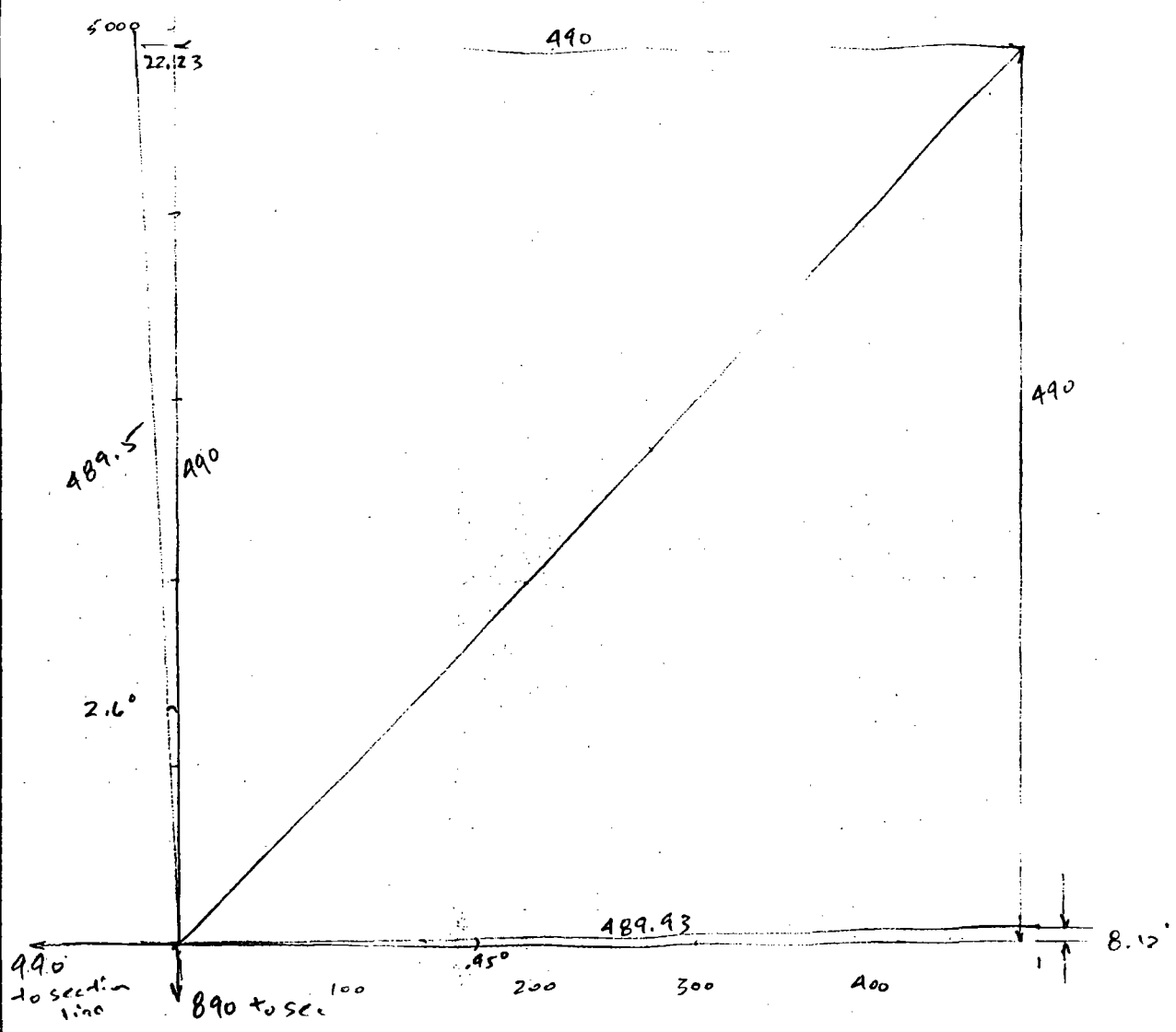
Simmons E-2

Build rate		10	deg/100 ft								
Measured Delta	Inclination	avg	Direction	Delta	Delta	Total	Total	North	East	North	East
Depth	Course	(degrees)	Inclination	TVD	Departure	TVD	Departure	Delta	Delta	Coor	Coor
Original Vertical Section											
0	0										
3800	3800	0	0 N45E	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		3800									
Build Section											
3800		0	0 N45E	0.00	0.00	3800.00	0.00	0.00	0.00		
3900	100	10	5 N45E	99.62	8.72	3899.62	8.72	6.16	6.16	6.16	6.16
4000	100	20	15 N45E	96.59	25.88	3996.21	34.60	18.30	18.30	24.46	24.46
4100	100	30	25 N45E	90.63	42.26	4086.84	76.86	29.88	29.88	54.35	54.35
4200	100	40	35 N45E	81.92	57.36	4168.76	134.22	40.56	40.56	94.91	94.91
4250	50	45	42.5 N45E	36.86	33.78	4205.62	168.00	23.89	23.89	118.79	118.79
Hold Point:		4250									
Hold Section											
4300	50	45	45 N45E	35.36	35.36	4240.98	203.35	25.00	25.00	143.79	143.79
4400	100	45	45 N45E	70.71	70.71	4311.69	274.06	50.00	50.00	193.79	193.79
4500	100	45	45 N45E	70.71	70.71	4382.40	344.77	50.00	50.00	243.79	243.79
4600	100	45	45 N45E	70.71	70.71	4453.11	415.48	50.00	50.00	293.79	293.79
4700	100	45	45 N45E	70.71	70.71	4523.82	486.19	50.00	50.00	343.79	343.79
4800	100	45	45 N45E	70.71	70.71	4594.53	556.91	50.00	50.00	393.79	393.79
4900	100	45	45 N45E	70.71	70.71	4665.24	627.62	50.00	50.00	443.79	443.79
4992	92	45	45 N45E	65.05	65.05	4730.30	692.67	46.00	46.00	489.79	489.79
5100	108	45	45 N45E	76.37	76.37	4806.66	769.04	54.00	54.00	543.79	543.79
5200	100	45	45 N45E	70.71	70.71	4877.37	839.75	50.00	50.00	593.79	593.79

Calculations

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

AMPAD



$$2^{\circ} 36'' = 2.6^{\circ}$$

$$5000 \div \cos 2.6 = 5005.15$$

$$5005.15 \times \sin 2.6 = 227.05$$

$$57' = 0.95^{\circ}$$

$$5000 \div \cos .95 = 5000.69$$

$$5000.69 \times \sin .95 = 87.91$$

$$490 \times \sin .95 = 8.12$$

$$490 \times \cos .95 = 489.93$$

$$490 \times \sin 2.6 = 22.23$$

$$490 \times \cos 2.6 = 489.5$$

$$990 + 489.93 = 1479.93 \text{ FWL}$$

$$\sim 1480 \text{ FWL}$$

$$890 + 489.5 = 1379.5 \text{ FSL}$$

$$\sim 1380 \text{ FSL}$$

Mr. Van Goebel
Meridian Oil & Gas, Inc.
P.O. Box 42489
Farmington, NM 87499

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL

Dear Mr. Goebel:

On behalf of D J. Simmons Company, Ltd., On Site Technologies, Ltd. is applying for administrative approval to sidetrack for the four following well locations:

HAMNER A-1, SECTION 21, T-29-N, R-9-W
SIMMONS E-1, SECTION 26, T-29-N, R-9-W
SIMMONS E-2, SECTION 23, T-29-N, R-9-W
SIMMONS S-1, SECTION 25, T-29-N, R-9-W

These four locations were completed in the early 1950's as open hole completions. It is our belief that by sidetracking with modern technological methods, we can obtain improved drainage of the unit while remaining within the drilling window.

If you, as an offset operator, have no objections to this proposed action, please sign the attached waivers and return one copy of the signed document to the NMOCD in Aztec and the original to On Site Technologies, Ltd. I have enclosed self addressed envelopes for your convenience.

If you have any questions, regarding this application, please contact me.

Thank you for your assistance.

Yours truly,



Robert L. Crabb
Agent for D J. Simmons Company, Ltd.

enclosures
cc D J. Simmons Company, Ltd
NMOCD

Mr. Pete Mueller
Amoco, Inc.
P.O. Box 800
Denver, CO 80701

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Thank you for your assistance.

Yours truly,



Robert L. Crabb
Agent for D J. Simmons Company, Ltd.

enclosures
cc: D.J. Simmons Company, Ltd.
NMOCD

OFF: (505) 325-8786



LAB: (505) 325-5667

July 31, 1995

Mr. Frank T. Chavez, District Supervisor
State of New Mexico Oil Conservation Division
Aztec District Office
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED
AUG - 1 1995
OIL CON. DIV.
DIST. 3

**RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL**

Dear Mr. Chavez:

On behalf of D. J. Simmons Company, Ltd., I do hereby submit this letter of request to intentionally deviate the Simmons E-2 from the vertical by sidetracking. Said well is located in Section 23, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 890' FSL & 990' FWL. The bottomhole location will be 1480' FWL & 1380' FSL.

The purpose of the sidetracking is improve the drainage of the unit (see engineering notes and Exhibits attached). The bottom hole location is orthodox and within the drilling window for the Blanco Mesa Verde pool.

Your assistance granting administrative approval will be appreciated.

Yours truly,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D. J. Simmons Company, Ltd.

APPROVAL IS GRANTED FOR THE ABOVE REQUEST

SIGNATURE

TYPED OR PRINTED NAME

TITLE

DATE

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

District I
P.O. Box 1980, Hobbs, NM 88241
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
P.O. Box 2088, Santa Fe, NM 87504

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT


WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code 72319	3. Pool Name BLANCO MESA VERDE
4. Property Code	5. Property Name BUREAU OF LAND MANAGEMENT	6. Well Number E-2
7. OGRID No.	8. Operator Name D.J. SIMMONS COMPANY, LTD.	9. Elevation


10. Surface Location									
UL or lot no. M	Section 23	Township 29 North	Range 9 West	Lot Idn	Feet from the 890	North/South line SOUTH	Feet from the 990	East/West line WEST	County SAN JUAN


11. Bottom Hole Location If Different From Surface									
UL or lot no. K	Section 23	Township 29 North	Range 9 West	Lot Idn	Feet from the 1380	North/South line SOUTH	Feet from the 1480	East/West line WEST	County SAN JUAN
12. Dedicated Acres 320	13. Joint or Infill	14. Consolidation Code	15. Order No.						

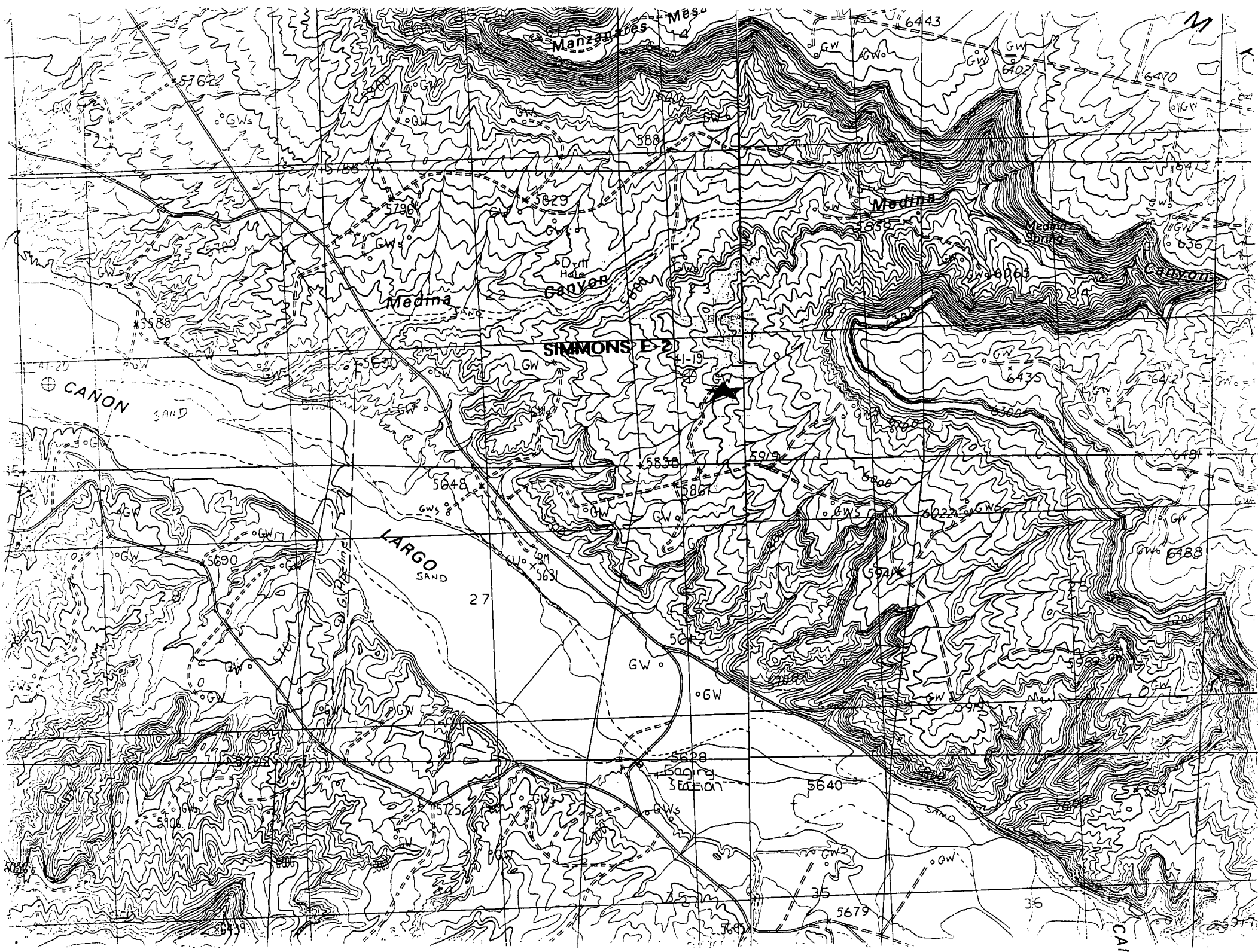
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

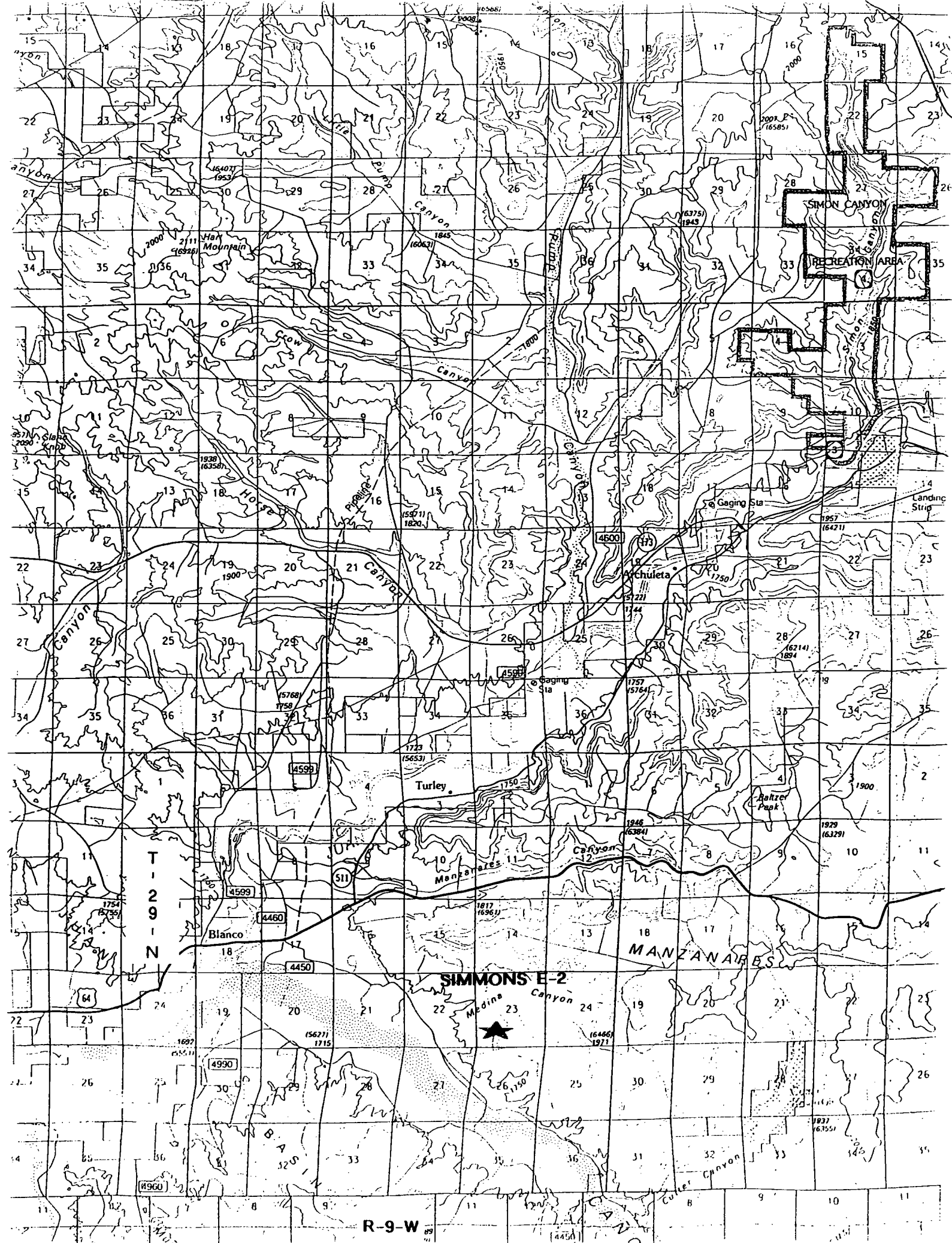
16.				17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature
				Printed Name ROBERT L. CRABB Title AGENT FOR D.J. SIMMONS COMPANY, LTD. Date JULY 31, 1995
				18. SURVEYOR CERTIFICATION I hereby certify 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. Date of Survey Signature and Seal of Professional Surveyer
				Certificate Number

RECEIVED
AUG - 1 1995
OIL CON. DIV.
DIST. 3

 **BOTOM HOLE LOCATION**

 **ORIGINAL LOCATION**





ENGINEERING NOTES



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

Simmons E-2

Blanco Mesa Verde Sidetrack
Directional Drilling Plan

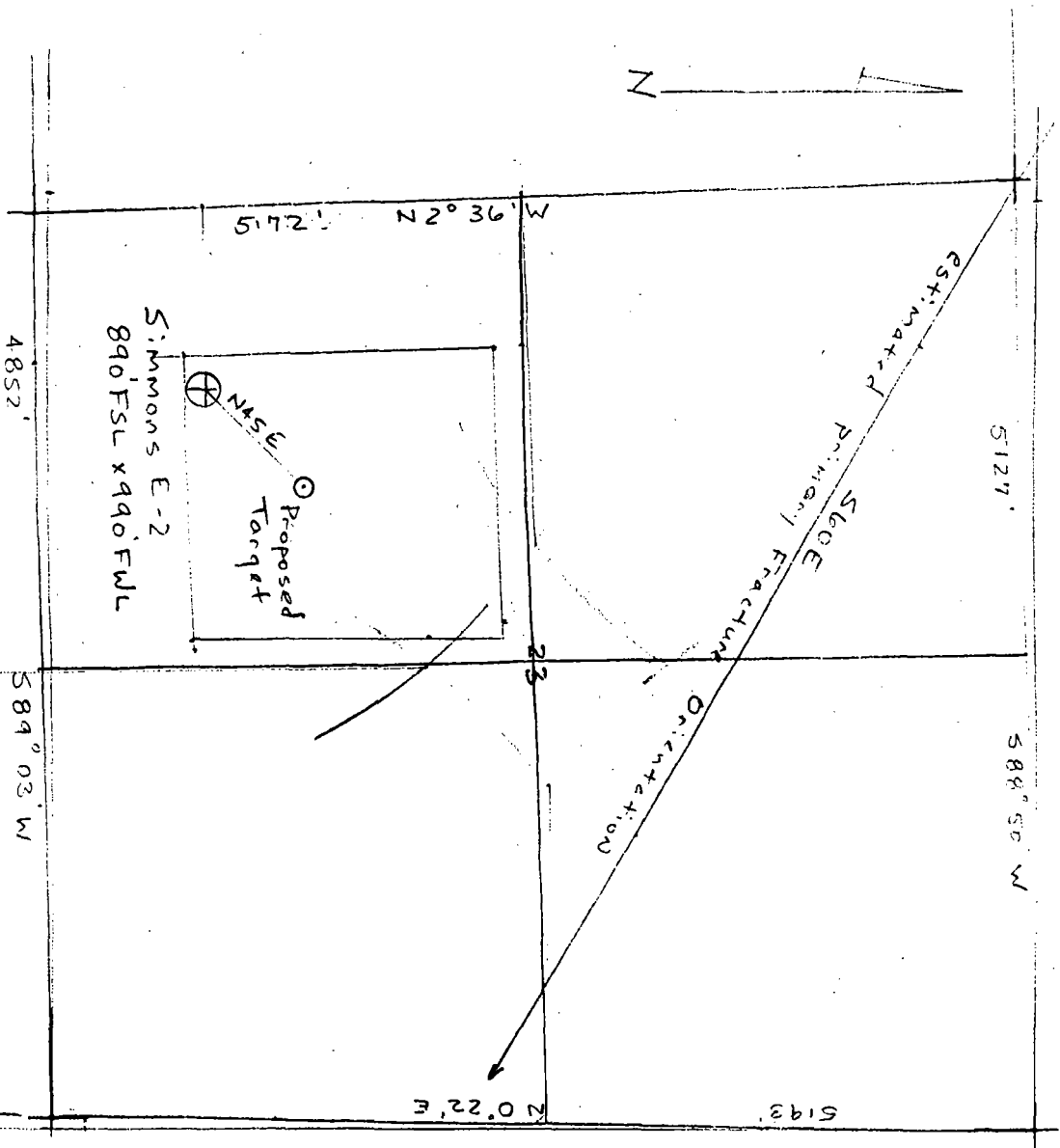
Engineering Calculations

Da Site Technologies Ltd
R. G. F. F. F.



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

Section 23 T29N R9W
San Juan County, NM



Data
Hopkins Map Service
ELM Survey

R. G. F. F.
On Site Technologies, Ltd.
1000
ft

Simmons L-2
Blower MV Side Track

Operations Outline

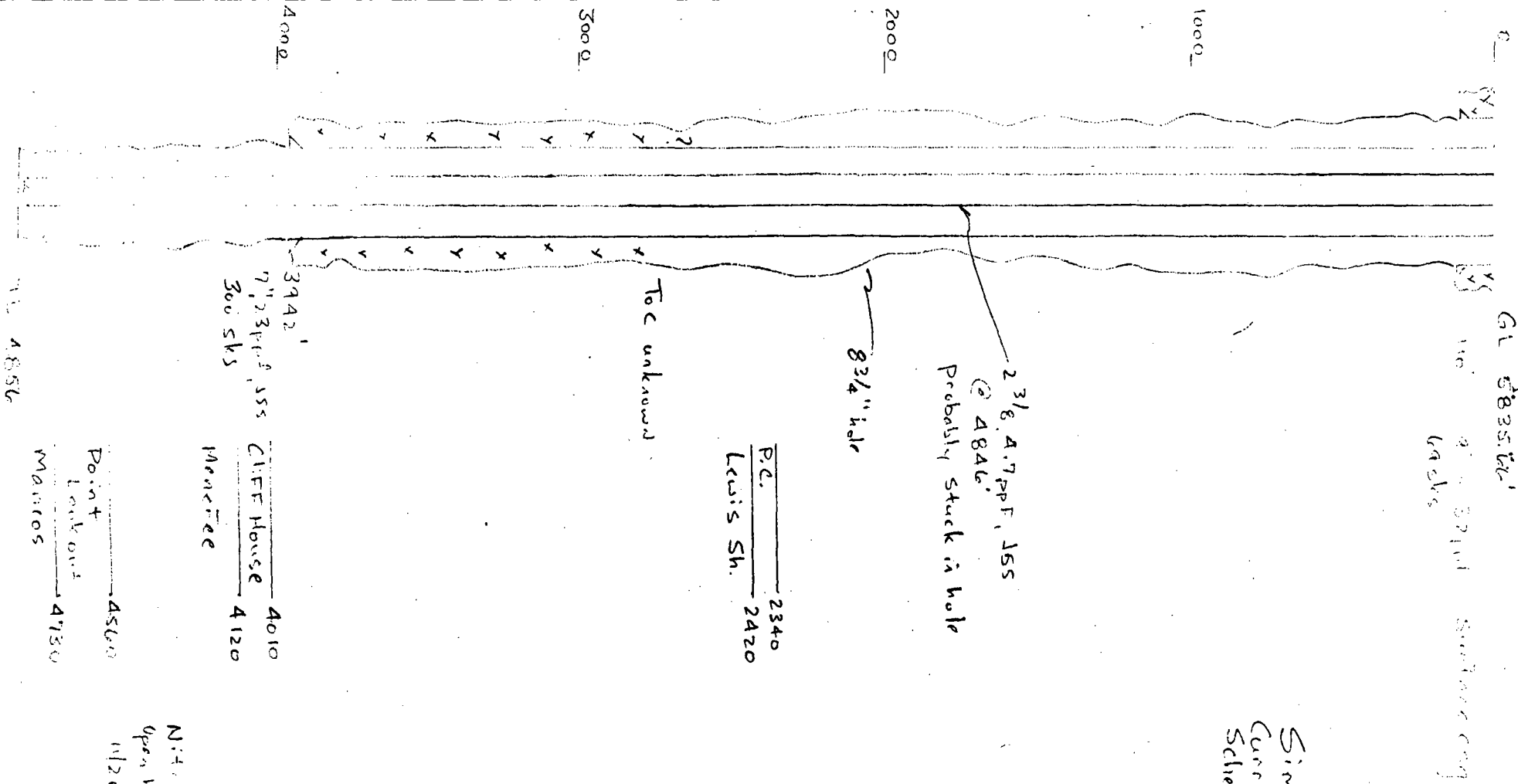
1. Plug back open hole to 3800' - 142' inside 7" csg set @ 3942.
2. Repair 7" x 8 3/4" annulus by squeeze cementing Cement to Surface
3. Cut window in 7" csg 3700' - 3850'
4. Directionally drill 6 1/4" hole to target
 - a. KOP = 3800'
 - b. build @ 10°/100' to 45° @
 - c. Target location - bottom of Point Lookout
489,79' North and 489,79' East of Surface Locn.
Legal coordinates BHL: 1480 FWL x 1380 FSL
5. Log. Run 4 1/2" csg TD to Surface. Cement TD to 3600' inside 7" csg.
6. Perf & Frac Mesa Verde Sands



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



GL 5835.6'
no. 3711
lacks
Surface

Simmons E-2
Current Wellbore
Schematic

R. GRIFFIN
OnSite Technologies

P.C. 2340
Lewis Sh. 2420

3942'
7" 23 PPF, JSS
300 SKS
CLIFF HOUSE 4010
Mentee 4120

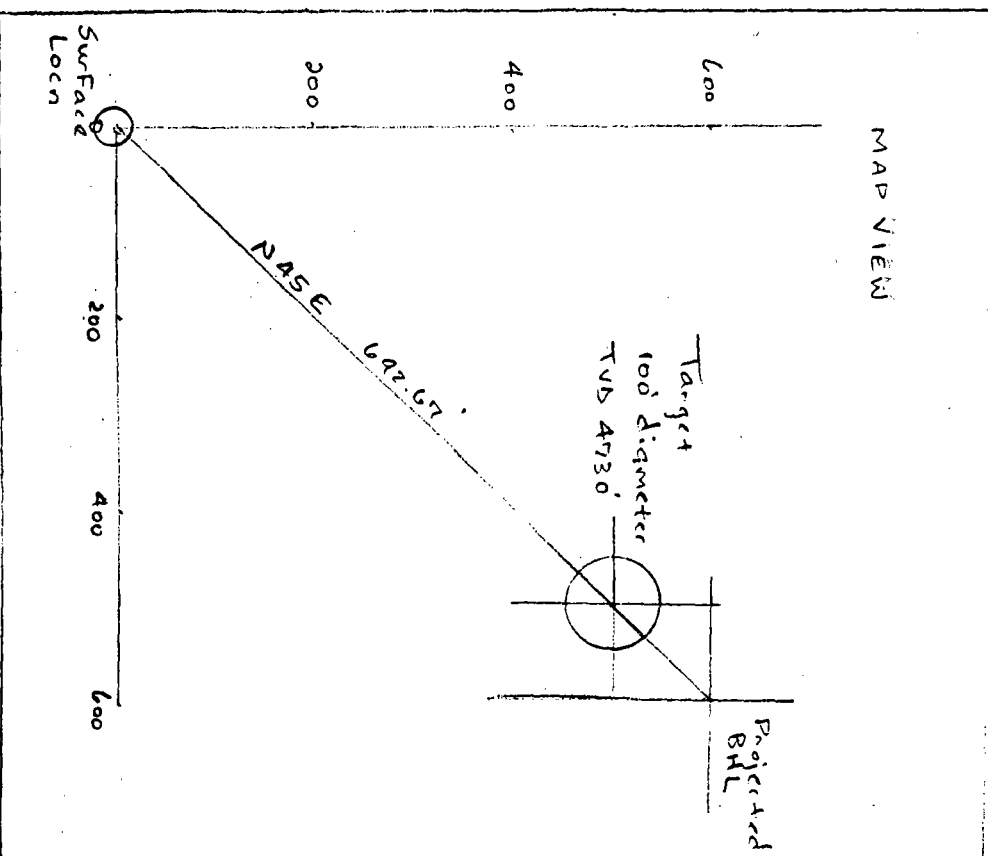
Point 4560
Lack out 4730
Marros

Nitro Shot
Open hole Completion
11/26/52

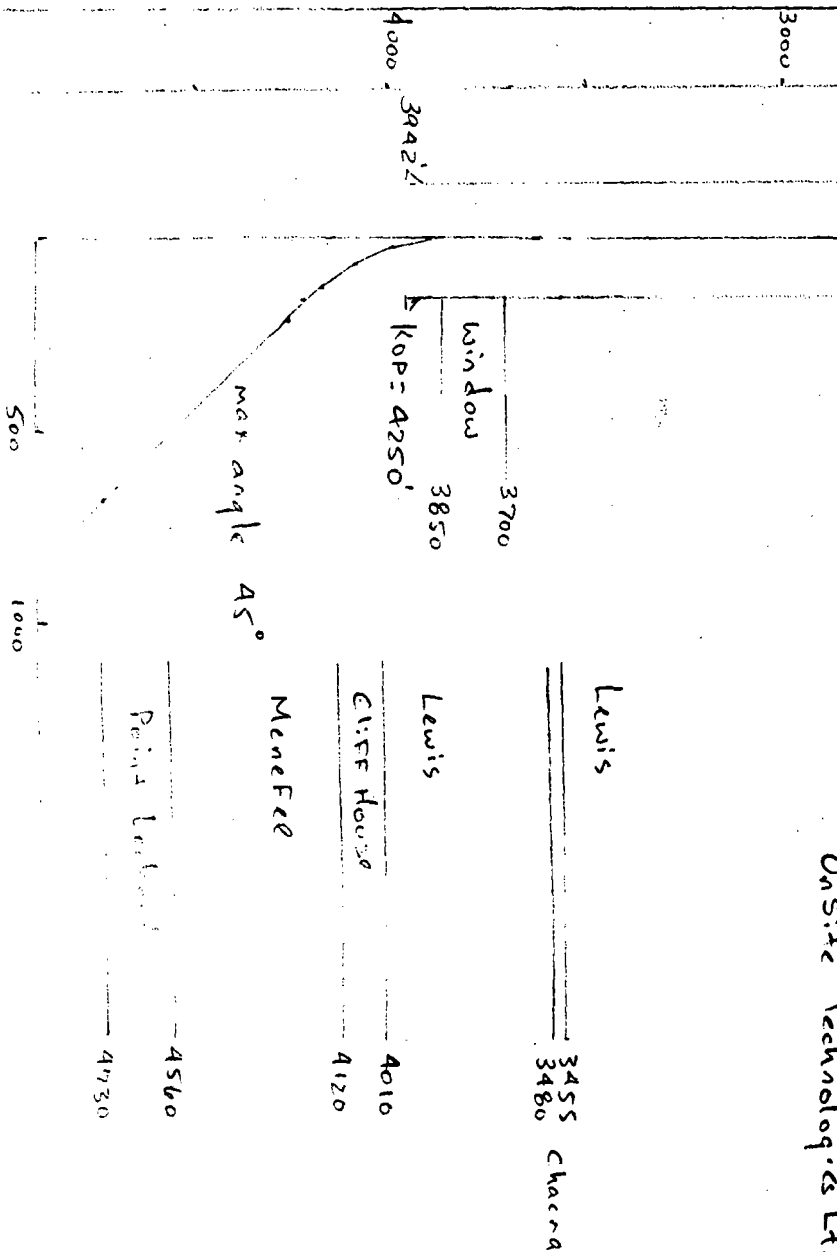
Simmons E-2 Directional Plan



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



R. Griffin
OnSite Technologies Ltd.

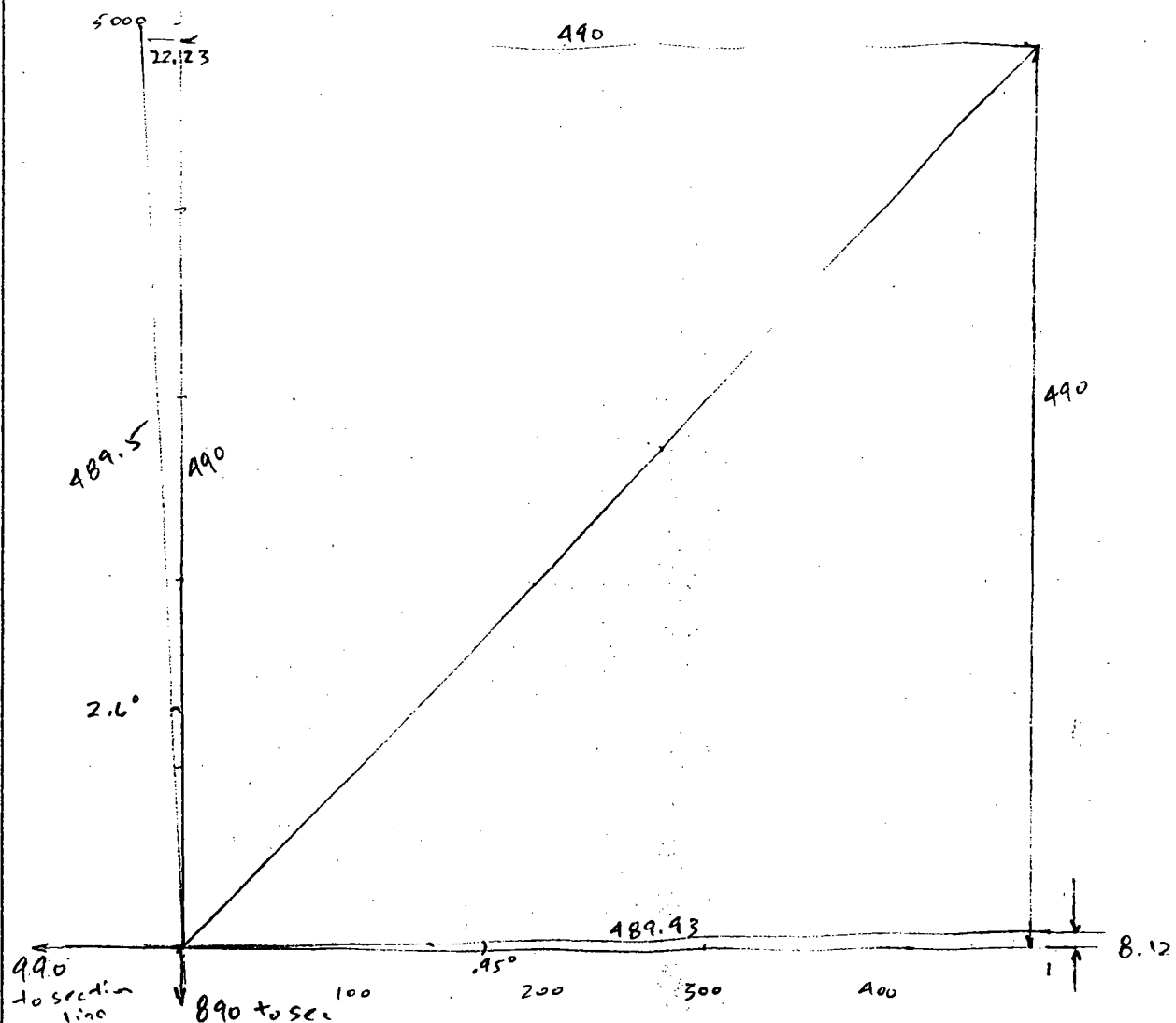


Simmons E-2

Build rate 10 deg/100 ft

Measured Delta Depth	Inclination Course	avg (degrees)	Direction Inclination	Delta TVD	Delta Departure	Total TVD	Total Departure	North Delta	East Delta	North Coor	East Coor
Original Vertical Section											
0	0										
3800	3800	0	0 N45E	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		3800									
Build Section											
3800		0	0 N45E	0.00	0.00	3800.00	0.00	0.00	0.00		
3900	100	10	5 N45E	99.62	8.72	3899.62	8.72	6.16	6.16	6.16	6.16
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Hold Point:		4250									
Hold Section											
4300	50	45	45 N45E	35.36	35.36	4240.98	203.35	25.00	25.00	143.79	143.79
4400	100	45	45 N45E	70.71	70.71	4311.69	274.06	50.00	50.00	193.79	193.79
4500	100	45	45 N45E	70.71	70.71	4382.40	344.77	50.00	50.00	243.79	243.79
4600	100	45	45 N45E	70.71	70.71	4453.11	415.48	50.00	50.00	293.79	293.79
4700	100	45	45 N45E	70.71	70.71	4523.82	486.19	50.00	50.00	343.79	343.79
4800	100	45	45 N45E	70.71	70.71	4594.53	556.91	50.00	50.00	393.79	393.79
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22-142 100 SHEETS
22-144 200 SHEETS



$$5000 \div \cos 2.6 = 5005.15$$

$$5005.15 \times \sin 2.6^\circ = 227.05$$

$$57' = 0.95^\circ$$

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$$4.90 \times \sin .95 = 8.12$$

$$490 \times \cos .95 = 489.93$$

$$40 \times \sin 2.6 = 22.23$$

$$A_{\text{CO}} = 103.2\% = 486.3$$

$$990 + 489.93 = 1479.93 \text{ FWL}$$

~ 1480 FWL

$$890 + 489.5 = 1379.5 \text{ FSL}$$

$$\sim 1380 \text{ FSL}$$



Mr. Van Goebel
Meridian Oil & Gas, Inc.
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Farmington, NM 87499

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Robert L. Crabb
Agent for D J. Simmons Company, Ltd.

enclosures
cc D J. Simmons Company, Ltd
NMOCD



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Thank you for your assistance.

Yours truly,

A handwritten signature in black ink, appearing to read "Robert L. Crabb", with a large, stylized flourish at the end.

Robert L. Crabb
Agent for D J. Simmons Company, Ltd.

enclosures

cc: D J. Simmons Company, Ltd
NMOCD