



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-118

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 "S" Well No. 1 (API No. 30-045-07891) 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 298.15-acre gas spacing and proration unit ("GPU") comprising Lots 1, 2, 7, 8, 9, 10, 15, and 16 (E/2 equivalent) of Section 25, 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 "S" Well No. 1, located at a standard gas well location 1090 feet from the North line and 790 feet from the East line (Lot 1/Unit A) of said Section 25, 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 "S" Well No. 1-A (API No. 30-045-23217), located at a standard gas well location 1130 feet from the South and East lines (Lot 16/Unit P) of said Section 25.
- (5) The applicant/operator proposes to kick-off from vertical at a depth of approximately 4,400 feet in a southwesterly 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 NE/4 equivalent of said Section 25 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 "S" Well No. 1 (API No. 30-045-07891), located at a standard gas well location 1090 feet from the North line and 790 feet from the East line (Lot 1/Unit A) of Section 25, 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 4,400 feet in a southwesterly direction and drill in such a manner as to bottom back in the Blanco-Mesaverde Pool, within the NE/4 equivalent of said Section 25 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 298.15-acre gas spacing and proration unit comprising the W/2 equivalent of said Section 25.

(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-S/MN. 3

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- 118

Dear Mr. Crabb:

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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 "S" Well No. 1, located at a standard gas well location 1090 feet from the North line and 790 feet from the East line (Lot 1/Unit A) of said Section 25, 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 "S" Well No. 1-A (API No. 30-045-23217), located at a standard gas well location 1130 feet from the South and East lines (Lot 16/Unit P) of said Section 25.
- (5) The applicant/operator proposes to kick-off from vertical at a depth of approximately 4,400 feet in a southwesterly 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 NE/4 equivalent of said Section 25 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 "S" Well No. 1 (API No. 30-045-07891), located at a standard gas well location 1090 feet from the North line and 790 feet from the East line (Lot 1/Unit A) of Section 25, 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 4,400 feet in a southwesterly direction and drill in such a manner as to bottom back in the Blanco-Mesaverde Pool, within the NE/4 equivalent of said Section 25 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.

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(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

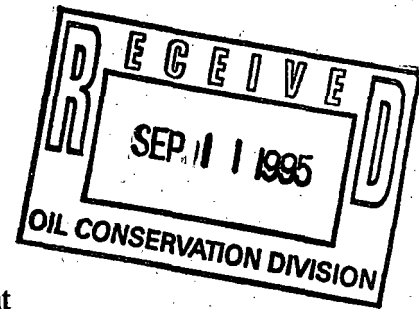
cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
File: Case 11,274

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.

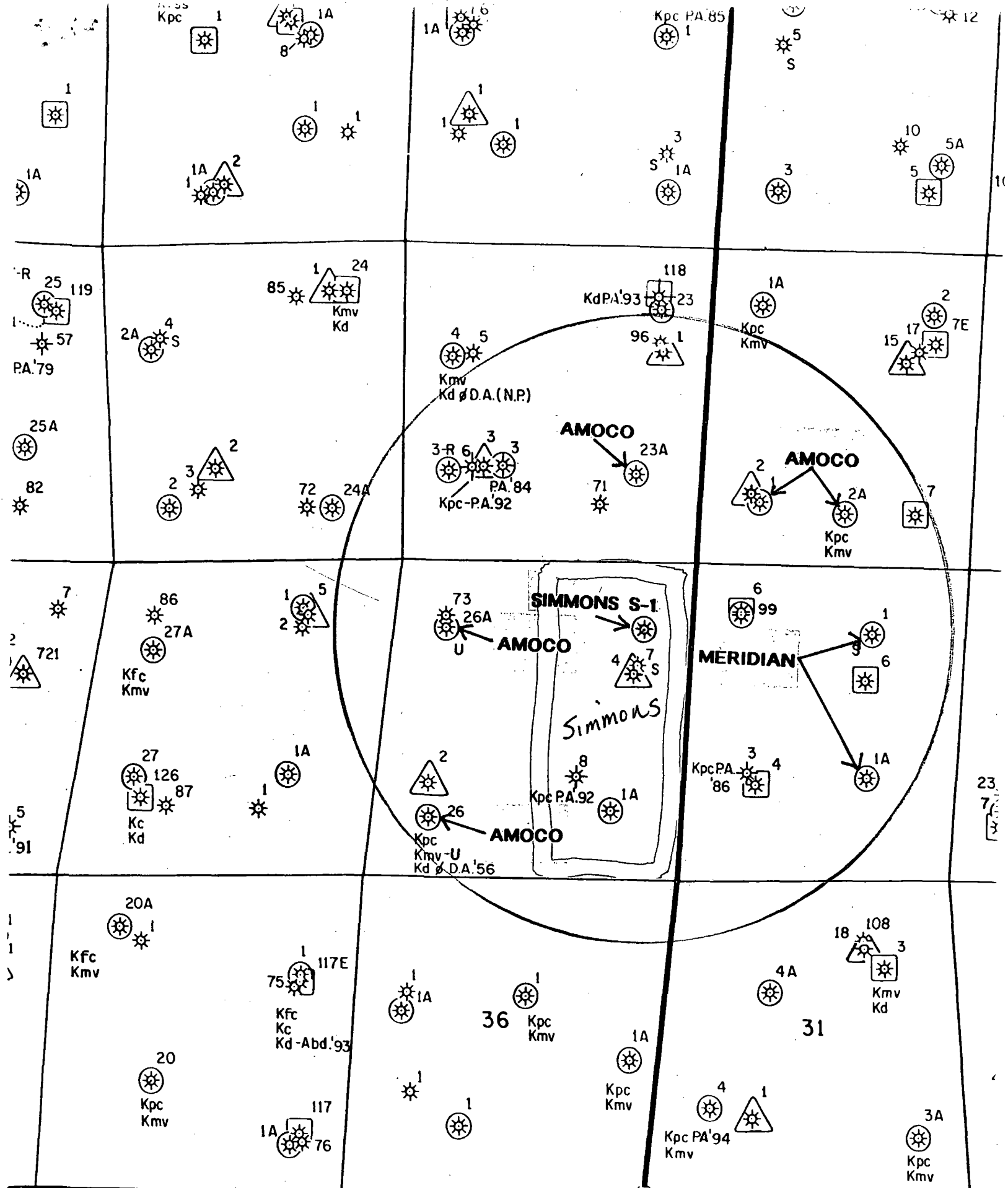
All proration units, including the Simmons units, are stand ups.

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.



R-8-W

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.

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

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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 -



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. 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:

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.

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



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



OIL CONSERVATION DIVISION
RECEIVED

LAB: (505) 325-5667

95 SEP 5 AM 8 52

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

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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:

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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

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

CMD.:
OG&IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/23/95 09:32:04
OGOMES -EMGU

API Well No : 30 45 7891 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (G)
OGRID Idn : 5578 D J SIMMONS CO
Prop Idn : 10173 SIMMONS S /

Well No : 001
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : 1	25	29N	09W	FTG	999 F S	FTG 999 F E	P
Lot Identifier:							
Dedicated Acre: 298.15							
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 09:34:13
OGOMES -EMGU

API Well No : 30 45 23217 Eff Date : 04-01-1979 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (G)
OGRID Idn : 5578 D J SIMMONS CO
Prop Idn : 10173 SIMMONS S

Well No : 001A
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	16	25	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

CMD.: . .
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/23/95 09:31:39
OGOMES -EMGU
PAGE NO: 1

Sec : 25 Twp : 29N Rng : 09W Section Type : NORMAL

4 36.46 Federal owned A A	3 36.39 Federal owned	2 36.32 Federal owned	11 36.26 Federal owned A
5 37.10 Federal owned	6 37.05 Federal owned	7 36.96 Federal owned	8 36.92 Federal owned A A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

73.28

73.18

Sec : 25 Twp : 29N Rng : 09W Section Type : NORMAL

12 37.77 Federal owned A	11 37.71 Federal owned	10 37.63 Federal owned A	9 37.57 Federal owned
13 38.42 Federal owned A	14 38.34 Federal owned	15 38.27 Federal owned	16 38.22 Federal owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

$$\begin{array}{r}
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 73.28 \\
 \hline
 149.18
 \end{array}$$

$$\begin{array}{r}
 75.79 \\
 73.18 \\
 \hline
 148.97 \\
 149.18 \\
 \hline
 298.15
 \end{array}$$

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 S-1 from the vertical by sidetracking. Said well is located in Section 25, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 1090' FNL & 790' FEL. The bottomhole location will be 1584' FNL & 1262' FEL.

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 S-1
7. OGRID No.		8. Operator Name D.J. SIMMONS COMPANY, LTD.			9. Elevation

10. Surface Location

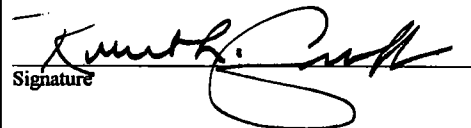
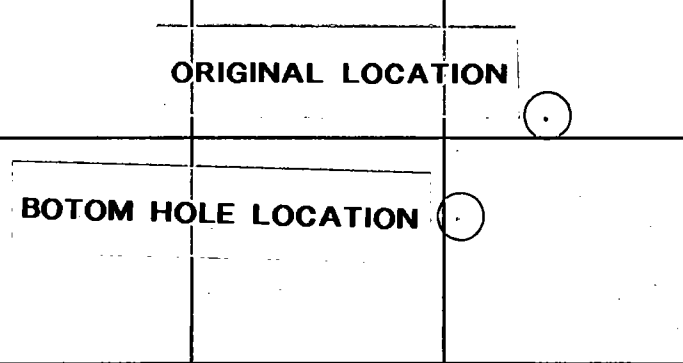
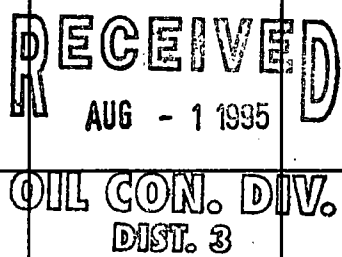
UL or lot no. A	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1090	North/South line NORTH	Feet from the 790	East/West line EAST	County SAN JUAN
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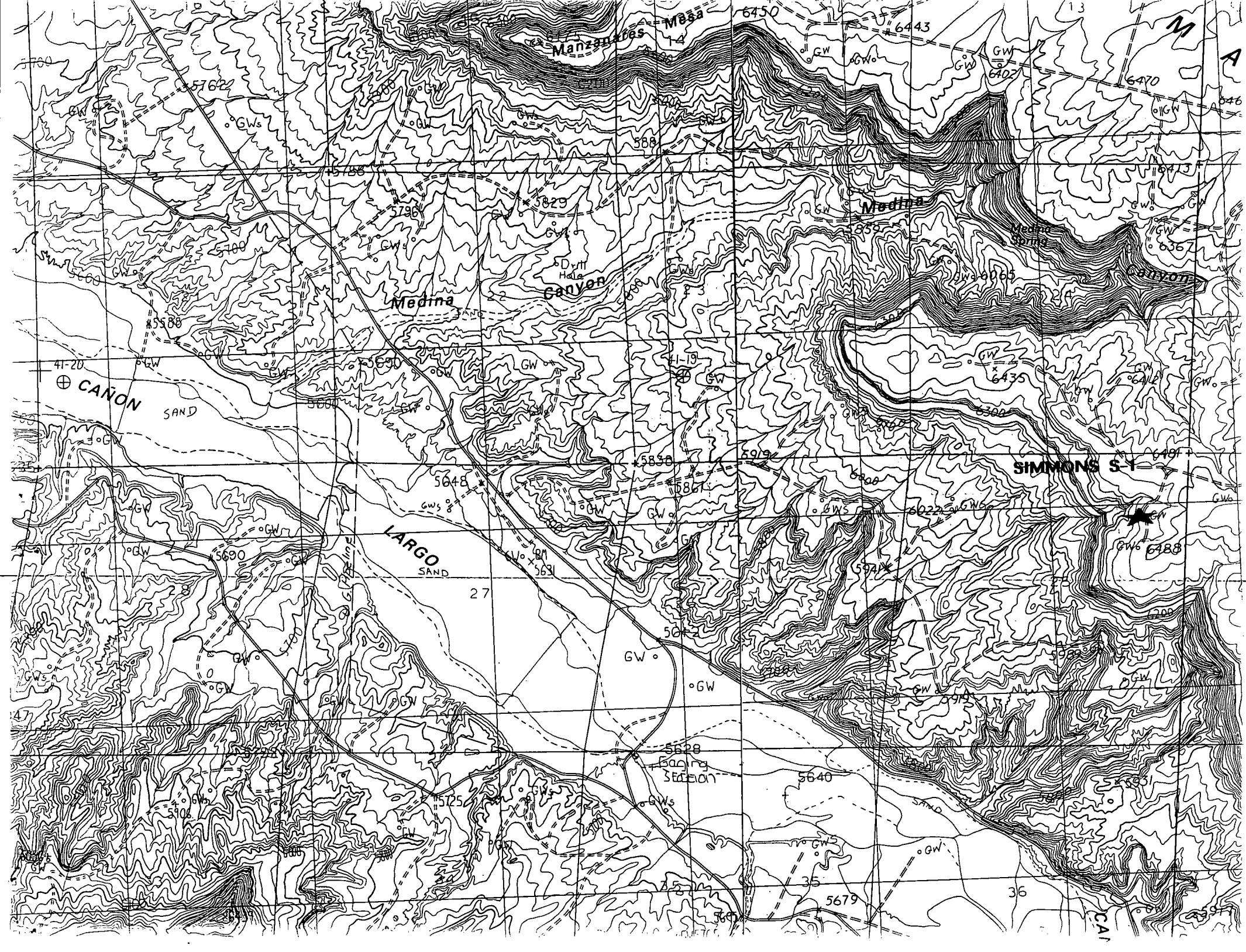
11. Bottom Hole Location If Different From Surface

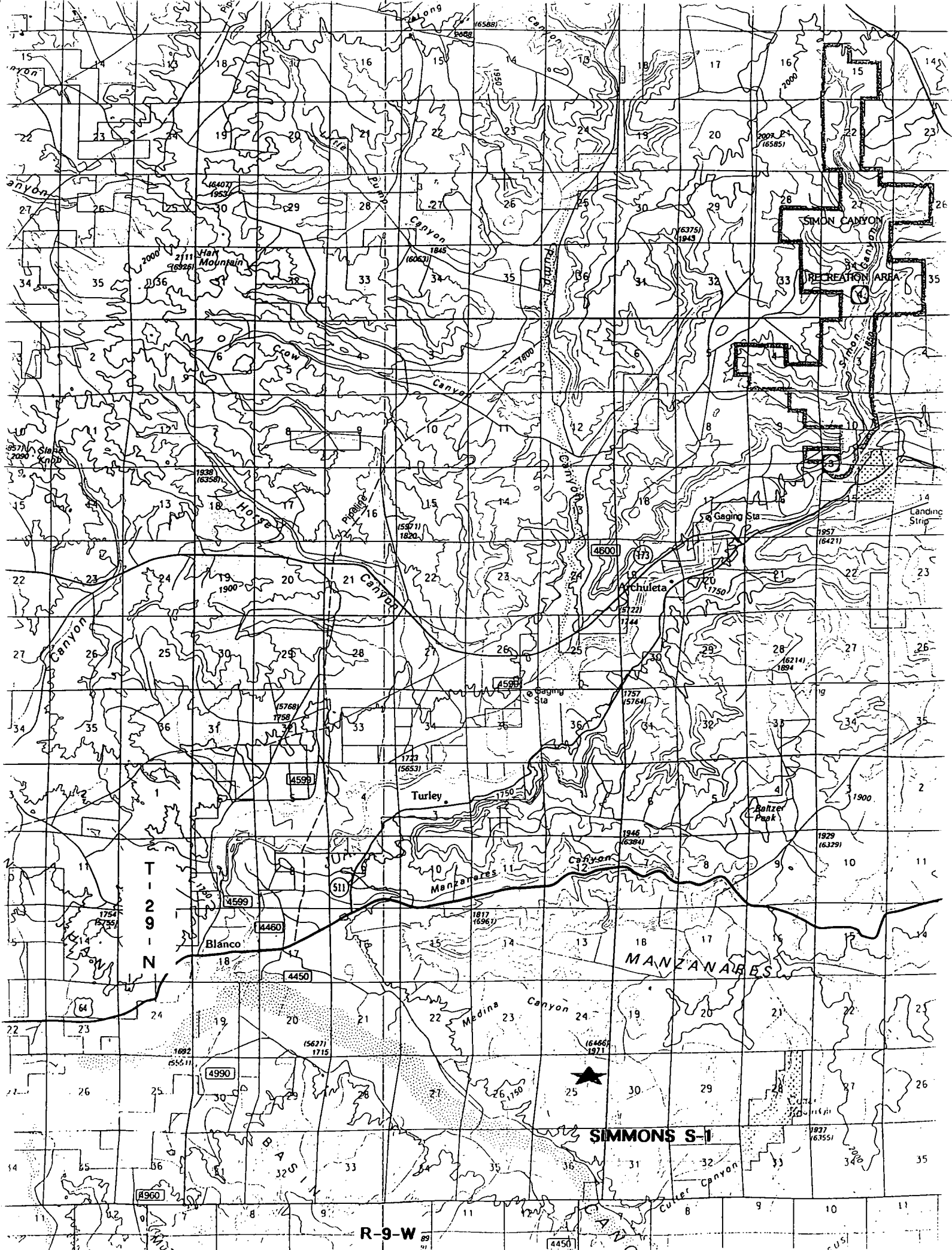
UL or lot no. H	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1584	North/South line NORTH	Feet from the 1262	East/West line EAST	County SAN JUAN
--------------------	---------------	----------------------	-----------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

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 S-1

Blanco Mesa Verde Sidetrack
Directional Drilling Plan
Engineering Calculations

On Site Technologies Ltd
R. Griffiths
9124195

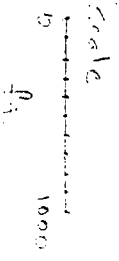
Section 25 T29N R4W
San Juan County, NM



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



Data - Hopkins Map Service
BLM Survey



R. G. GIFFORD
On Site Technologies Ltd.

Simmons S-1
Blanco MV Sidetrack

Operations Outline

1. Plugback open hole to 4350'. 185' inside 7" csg set @ 4535'.
2. Repair 7" x 8 3/4" annulus by squeeze cementing. Cement to Surface.
3. Cut window in 7" csg 4300 - 4450'.
4. Directionally drill 6 1/4" hole to target.
 - a. KOP = 4400'
 - b. Build @ 10°/100' to 45° @ 4850' WB, 4805.62' TVD.
 - c. Target Location - bottom of Point Lookout 493.79' South and 443.79' West of Surface Locn.

Legal coordinates BHL:
1583.79' ENL x 1261.51' EL
5. Log. Run 4 1/2" csg to surface. Cement TD to 4350' inside 7" csg.
6. Perf. Frac Mesa Verde Sands.



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

7/21/95

3/6

Simmons S-1
Current Well bore Schematic

R. G. FREE
On Site Technologies Ltd.

10 3/4" 32 ppF, JSS
Set @ 114'

Ojo Alamo 1946
Kintland 2046

P.C. 2937
Lewis 3032

2 3/8" 4.7 ppF
JSS EUE
+bg.
@ 5400'

?
7" TOC
unknown

7" 23 ppF, JSS, STC
@ 4535'

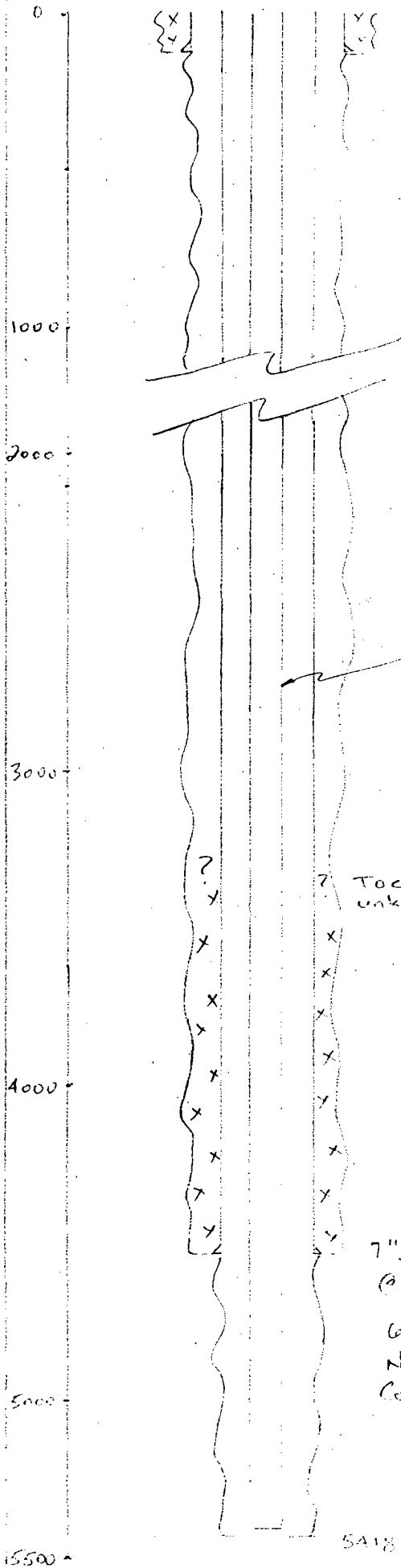
6 1/4" hole
Nitro Shot Open hole
Completion 3/5/53

CLIFF House 4600
Mene Fee 4726

Point Lookout 5166
Manco 5335

5418' TD

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

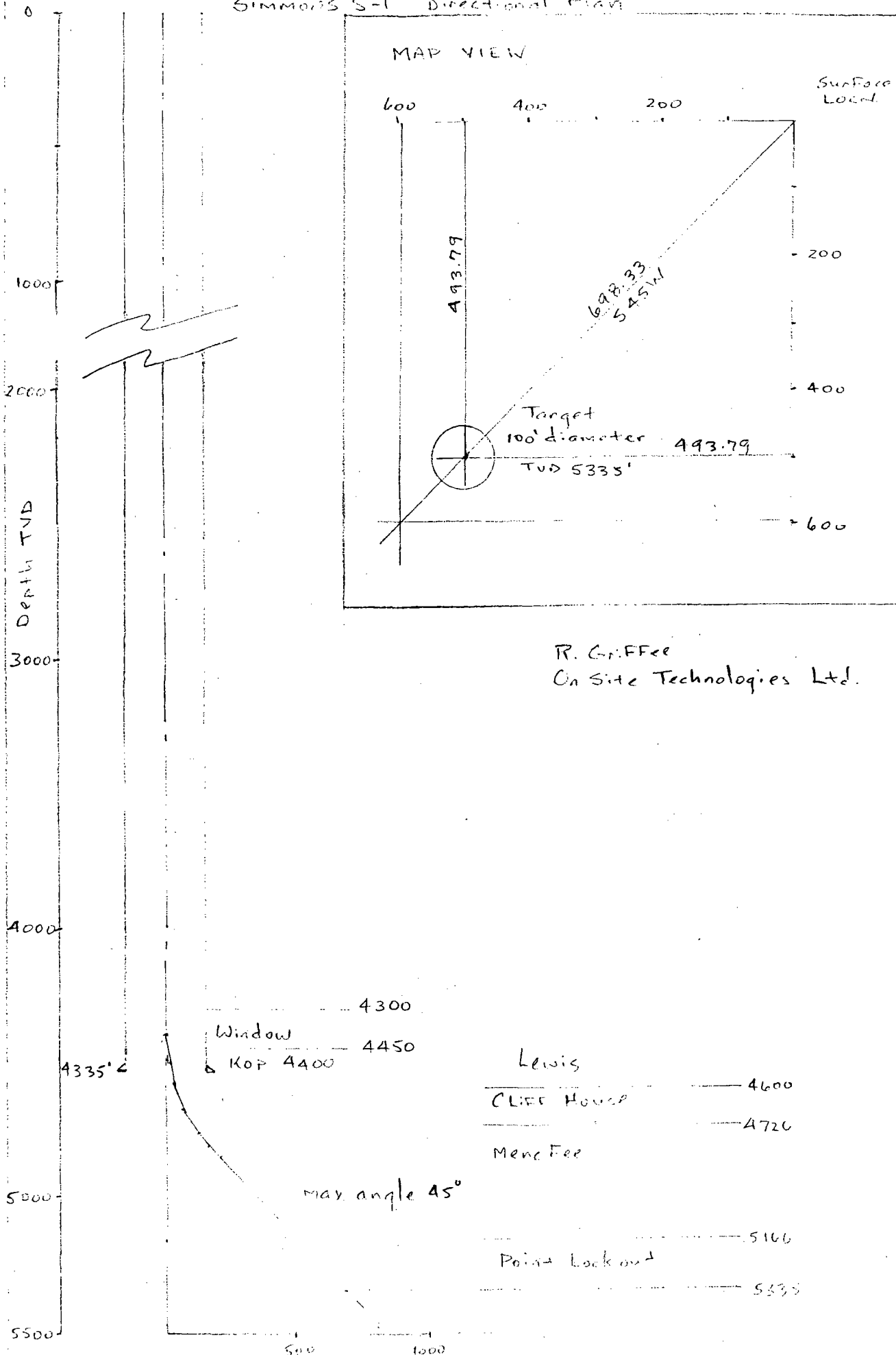


7/24/95

4/6

Simmons S-1 Directional Plan

22-141 50 SHEETS
22-142 100 SHEETS
22-143 200 SHEETS



R. GRIFFEE
On Site Technologies Ltd.

Simmons S-1

Build rate		10	deg/100 ft									
Measured Delta	Inclination	avg	Direction	Delta	Delta	Total	Total	South	West	South	West	
Depth	Course	(degrees)	Inclination	TVD	Departure	TVD	Departure	Delta	Delta	Coor	Coor	
Original Vertical Section												
0	0											
4400	4400	0	0 N45E	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		4400										
Build Section												
4400		0	0 S45W	0.00	0.00	4400.00	0.00	0.00	0.00			
4500	100	10	5 S45W	99.62	8.72	4499.62	8.72	6.16	6.16	6.16	6.16	
4600	100	20	15 S45W	96.59	25.88	4596.21	34.60	18.30	18.30	24.46	24.46	
4700	100	30	25 S45W	90.63	42.26	4686.84	76.86	29.88	29.88	54.35	54.35	
4800	100	40	35 S45W	81.92	57.36	4768.76	134.22	40.56	40.56	94.91	94.91	
4850	50	45	42.5 S45W	36.86	33.78	4805.62	168.00	23.89	23.89	118.79	118.79	
Hold Point:		4850										
Hold Section												
4900	50	45	45 S45W	35.36	35.36	4840.98	203.35	25.00	25.00	143.79	143.79	
5000	100	45	45 S45W	70.71	70.71	4911.69	274.06	50.00	50.00	193.79	193.79	
5100	100	45	45 S45W	70.71	70.71	4982.40	344.77	50.00	50.00	243.79	243.79	
5200	100	45	45 S45W	70.71	70.71	5053.11	415.48	50.00	50.00	293.79	293.79	
5300	100	45	45 S45W	70.71	70.71	5123.82	486.19	50.00	50.00	343.79	343.79	
5400	100	45	45 S45W	70.71	70.71	5194.53	556.91	50.00	50.00	393.79	393.79	
5500	100	45	45 S45W	70.71	70.71	5265.24	627.62	50.00	50.00	443.79	443.79	
5600	100	45	45 S45W	70.71	70.71	5335.95	698.33	50.00	50.00	493.79	493.79	
5700	100	45	45 S45W	70.71	70.71	5406.66	769.04	50.00	50.00	543.79	543.79	
5800	100	45	45 S45W	70.71	70.71	5477.37	839.75	50.00	50.00	593.79	593.79	

7/24/95

C/L

Calculations

assume due e/w

 2.5833°

$$2^\circ 35' = 2.5833^\circ$$

$$5000 \div \cos 2.5833 = 5005.09$$

$$5005.09 \times \sin 2.5833 = 225.59$$

$$493.79 \div \cos 2.5833 = 494.29$$

$$494.29 \times \sin 2.5833 = 22.28$$

$$790 + 493.79 - 22.28$$

$$= 1261.51 \text{ FEL}$$

$$1090 + 493.79 = 1583.79 \text{ FNL}$$

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

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

P. O. BOX 2606 • FARMINGTON, NM 87499

Telephone: (505) 325-8786 • Telex: 150000 • Cable: 150000

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

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
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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 S-1 from the vertical by sidetracking. Said well is located in Section 25, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 1090' FNL & 790' FEL. The bottomhole location will be 1584' FNL & 1262' FEL.

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 S-1	
7. OGRID No.		8. Operator Name D.J. SIMMONS COMPANY, LTD.			9. Elevation	

10. Surface Location

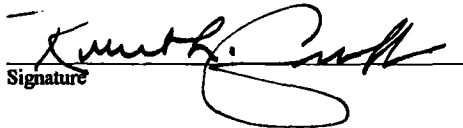
UL or lot no. A	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1090	North/South line NORTH	Feet from the 790	East/West line EAST	County SAN JUAN
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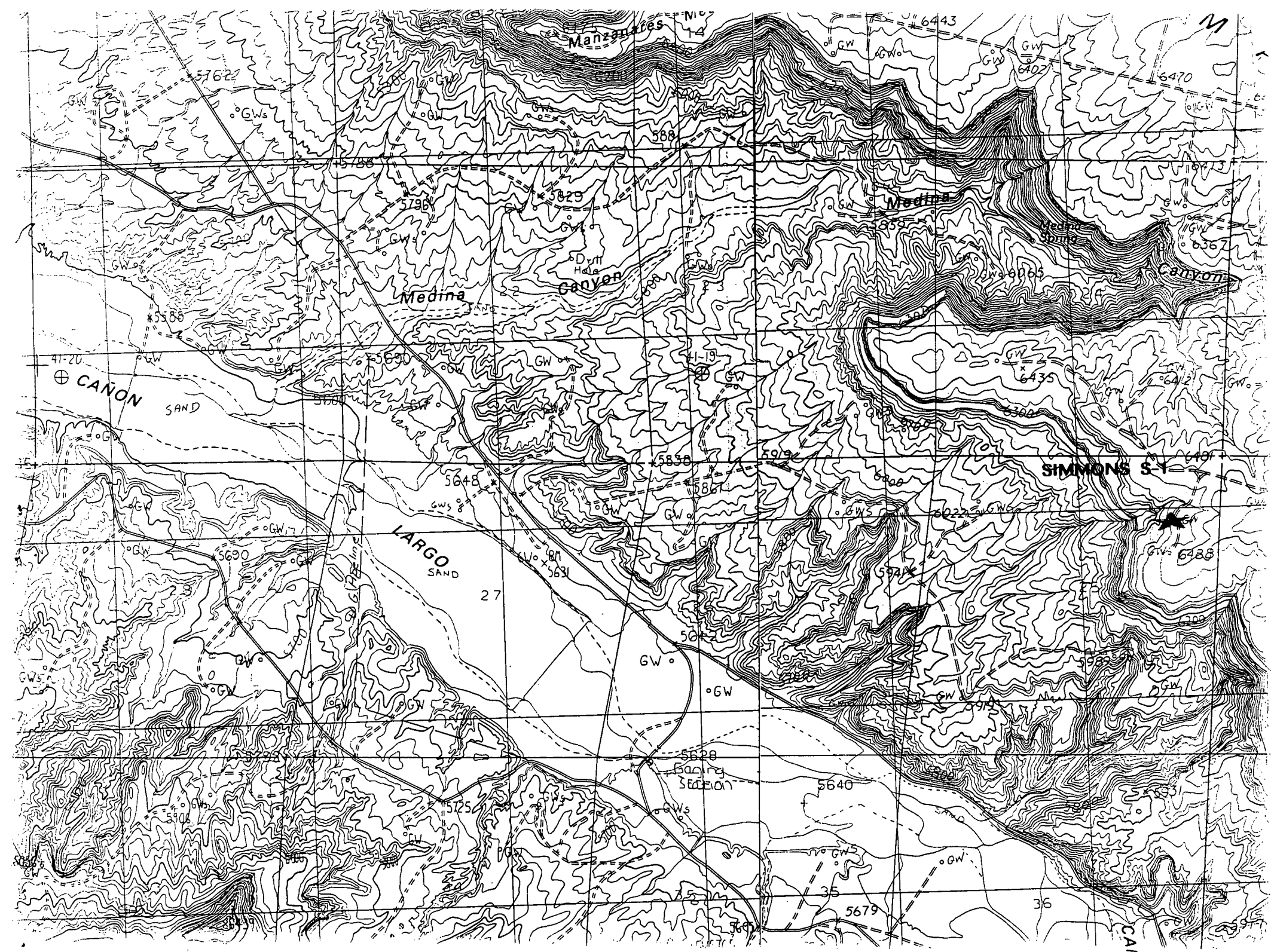
11. Bottom Hole Location If Different From Surface

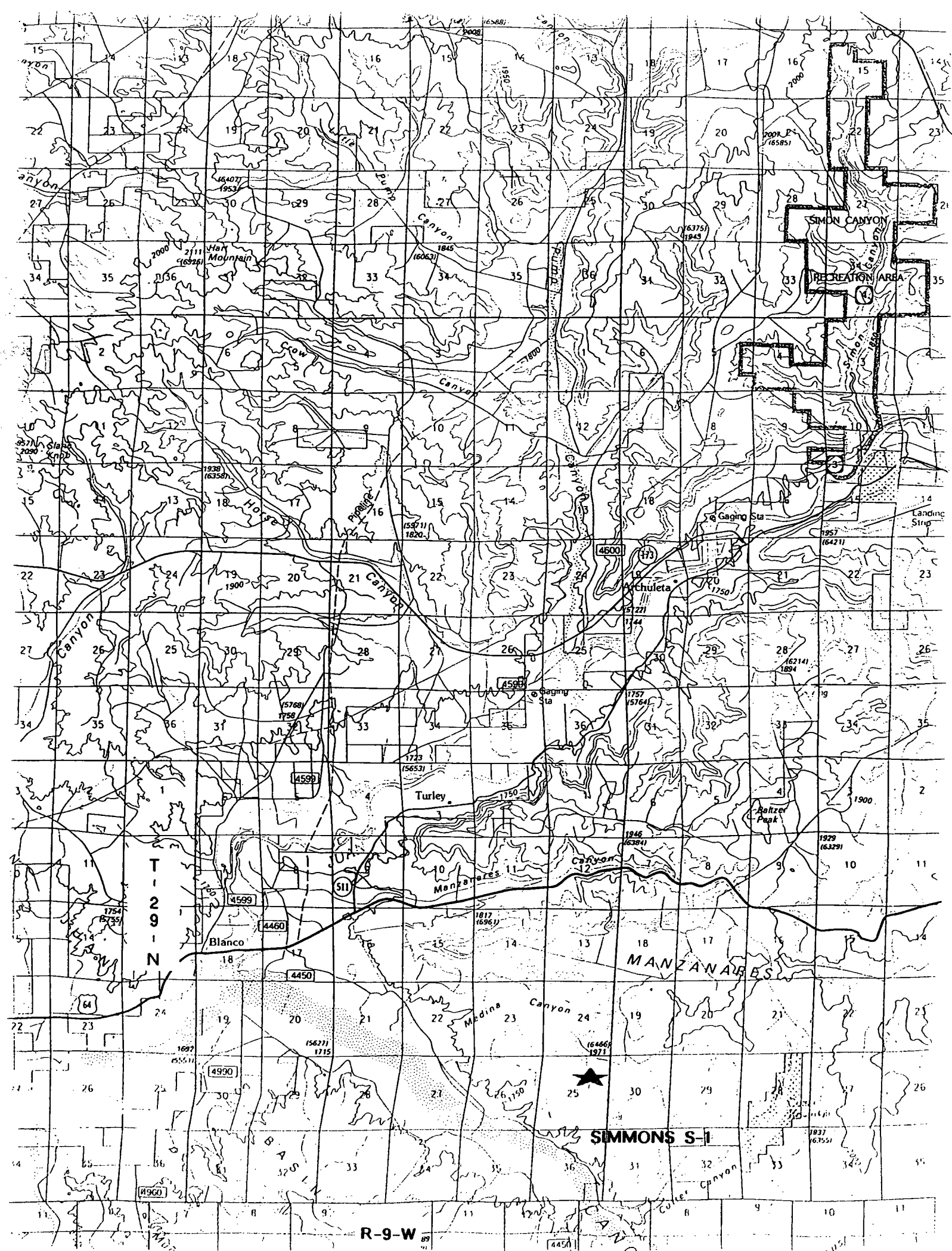
UL or lot no. H	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1584	North/South line NORTH	Feet from the 1262	East/West line EAST	County SAN JUAN
--------------------	---------------	----------------------	-----------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

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. ORIGINAL LOCATION BOTOM HOLE LOCATION				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 S-1

Elmore Mesa Verde Sidetrack
Directional Drilling Plan

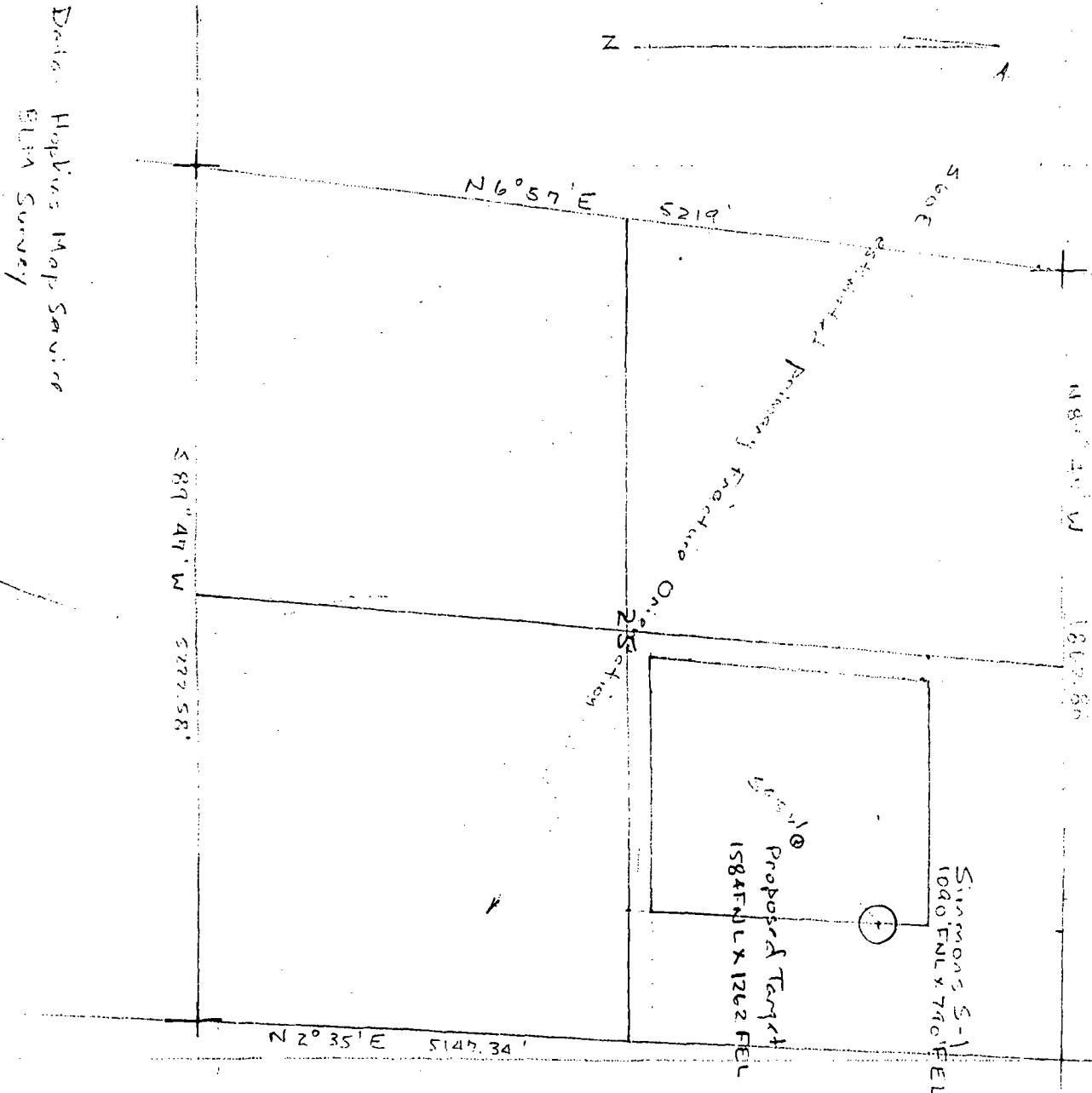
Engineering Calculations

On Site Technologies Ltd
R. Griffiths
7/24/95



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

Section 25 T24N64E
Sulphur County, Minn



Data: Hopkins Map Service
BLM Survey

R. G. G. F. F. F.
GeoStar Technologies Ltd.



Simmons S-1
Blanco MV Sidetrack

Operations Outline

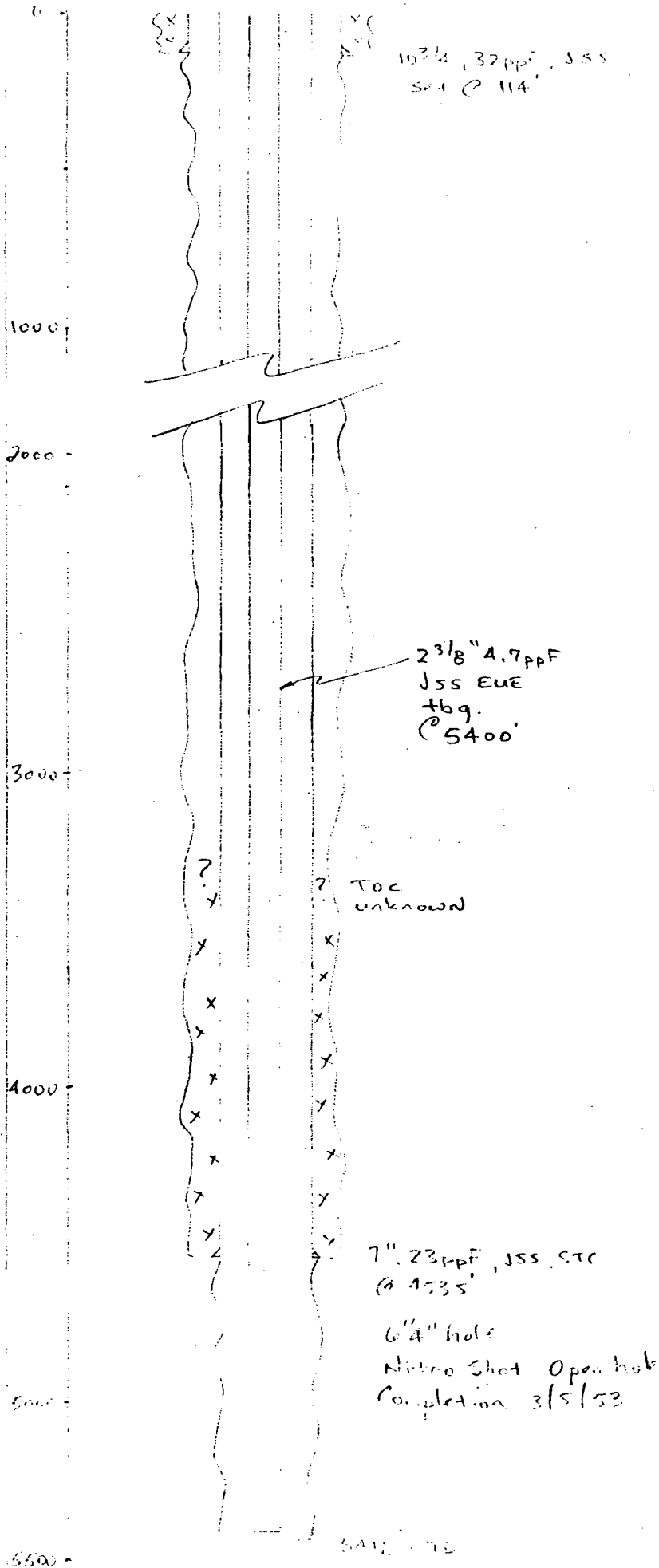
1. Plug back open hole to 4350'. 185' inside 7" csg set @ 4535'
2. Repair 7" x 8 3/4" annulus by squeeze cementing. Cement to Surface
3. Cut window in 7" csg 4300 - 4450'
4. Directionally drill 6 1/4" hole to target.
 - a. KOP = 4400'
 - b. build @ 10'/100' to 45° @ 4850' MD, 4805.62' TVD.
 - c. Target Location - bottom of Point Lookout
443.79' South and 443.79' West of Surface Locn.
Legal coordinates BHL:
1583.79' ENL x 1261.51' FEL
5. Log. Run 4 1/2" csg to surface. Cement TD to 4350' inside 7" csg
6. Perf 1/2" Frac Mesa Verde Sands.

7/21/95

Simmons S-1
Current Well bore Schematic

R. G. FEE
On Site Technologies Ltd.

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



Ojo Alamo 1946
Kintland 2046

P.C. 2937
Lewis 3032

CHFF House 4600
MeneFee 4726

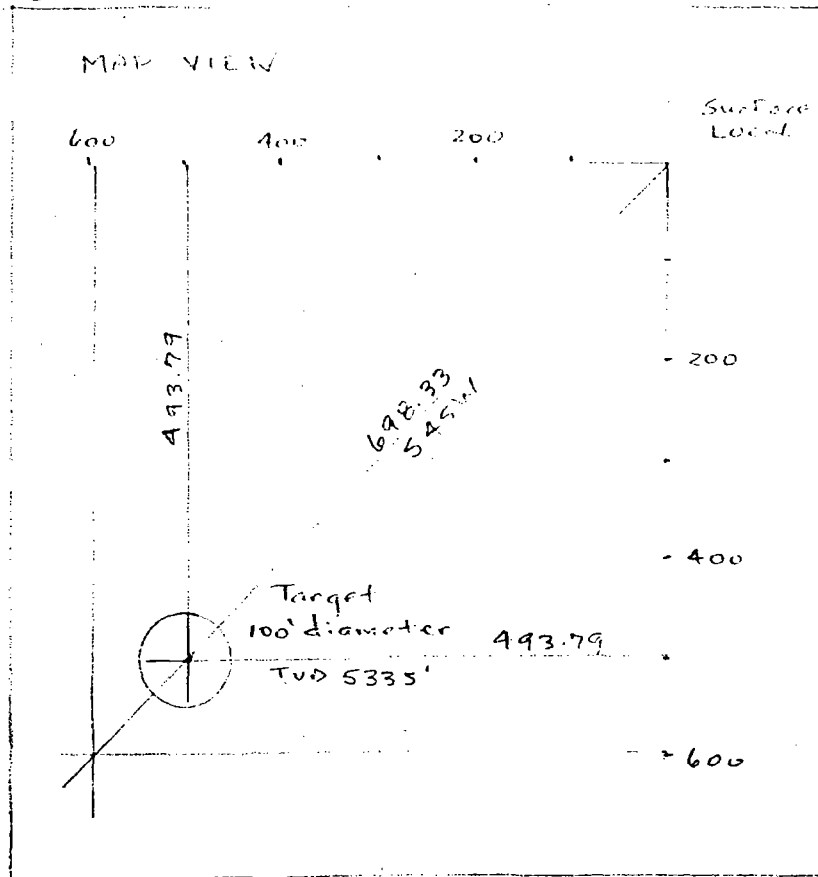
Point Lockout 5166
Mancos 5335

7/24/95

41

Simmons S-1 Directional Plot

MAP VIEW



R. Griffee
On Site Technologies Ltd.

0
1000
2000
3000
4000
5000
5500

DEPTH TVD

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



4300
Window
KOP 4400
4450
4335' L
may angle 45°

Lewis
CLIFF HOUSE
Menefer
Point Local

500 1000

Simmons S-1

Build rate 10 deg/100 ft

Measured Delta Depth	Inclination Course	avg (degrees)	Direction Inclination	Delta TVD	Delta Departure	Total TVD	Total Departure	South Delta	West Delta	South Coor	West Coor
Original Vertical Section											
0	0										
4400	4400	0	0 N45E	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		4400									
Build Section											
4400		0	0 S45W	0.00	0.00	4400.00	0.00	0.00	0.00		
4500	100	10	5 S45W	99.62	8.72	4499.62	8.72	6.16	6.16	6.16	6.16
4600	100	20	15 S45W	96.59	25.88	4596.21	34.60	18.30	18.30	24.46	24.46
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5000	100	45	45 S45W	70.71	70.71	4911.69	274.06	50.00	50.00	193.79	193.79
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5200	100	45	45 S45W	70.71	70.71	5053.11	415.48	50.00	50.00	293.79	293.79
5300	100	45	45 S45W	70.71	70.71	5123.82	486.19	50.00	50.00	343.79	343.79
5400	100	45	45 S45W	70.71	70.71	5194.53	556.91	50.00	50.00	393.79	393.79
5500	100	45	45 S45W	70.71	70.71	5265.24	627.62	50.00	50.00	443.79	443.79
5600	100	45	45 S45W	70.71	70.71	5335.95	698.33	50.00	50.00	493.79	493.79
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7/24/95

C/

Calculations

assume due e/w

22.141 50 SHEETS
22.142 100 SHEETS
22.143 200 SHEETS



$$2^{\circ} 35' = 2.5833^{\circ}$$

$$5000 \div \cos 2.5833 = 5005.09$$

$$5005.09 \times \sin 2.5833 = 225.59$$

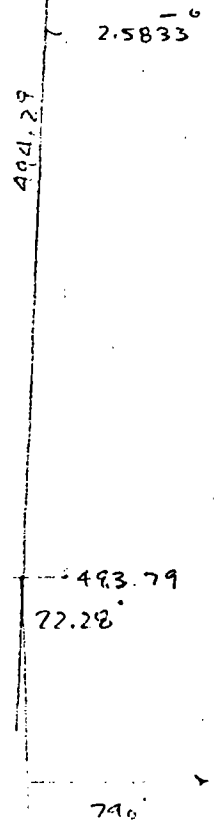
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$$= 1261.51 \text{ FEL}$$

$$1090 + 493.79 = 1583.79 \text{ FEL}$$



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

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SIMMONS S-1, SECTION 25, T-29-N, R-9-W

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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.
1484001

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Amoco, Inc.
P.O. Box 800
Denver, CO 80701

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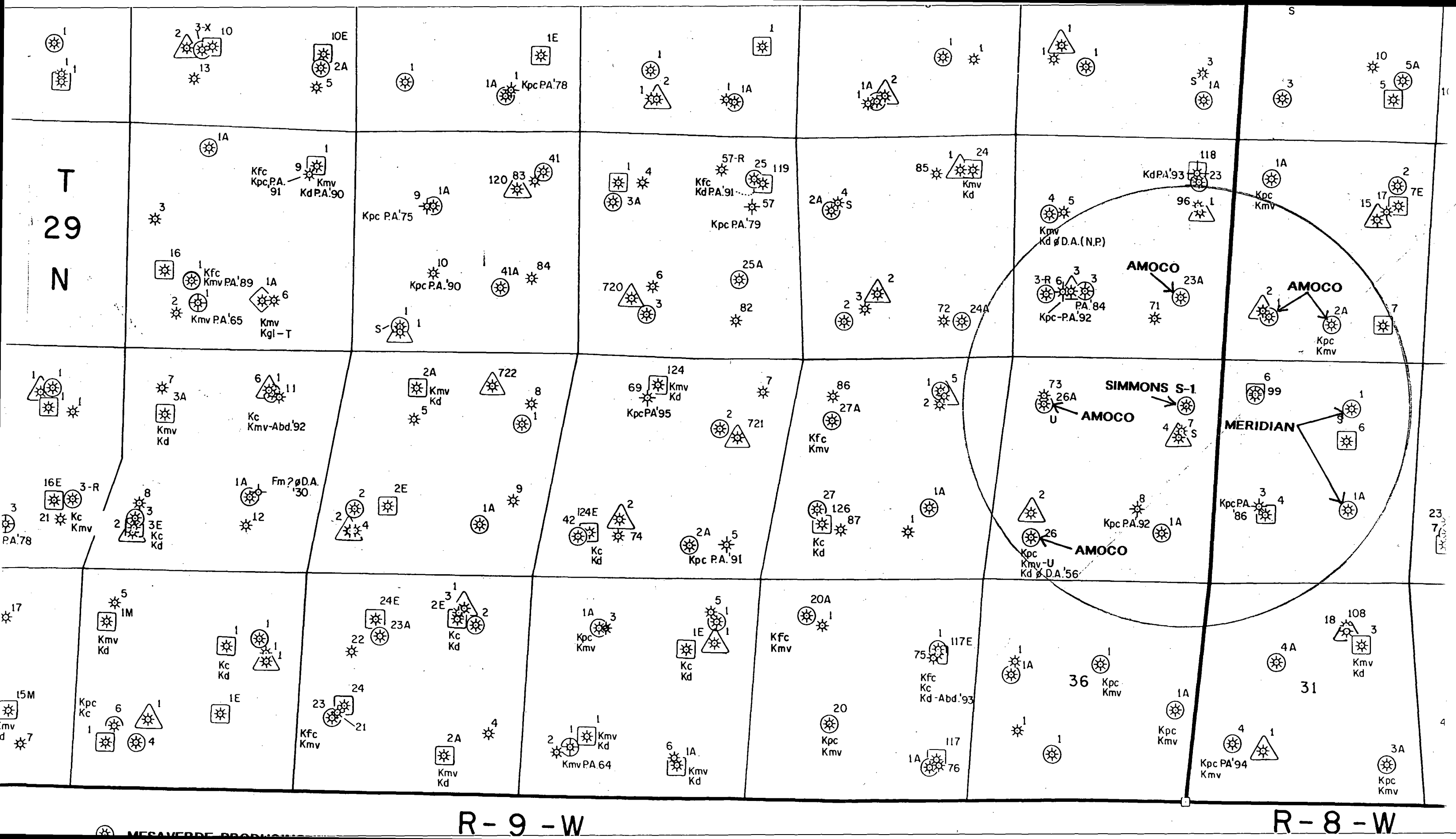
Yours truly,



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

enclosures

cc: D J. Simmons Company, Ltd.
NMOCD



R-8-W